

16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab^b)
C4591001 1005 10051341 (USA/23/F)	Dose 1/2	22OCT2020		Unk/Pos/Unk	New or increased cough New or increased shortness of breath New loss of taste or smell Sore throat Diarrhea	Pos
C4591001 1006 10061084 (USA/27/F)	Dose 2/48	27OCT2020		Neg/Neg/Neg	Fever New or increased cough	Pos
C4591001 1006 10061091 (USA/20/F)	Dose 2/50	30OCT2020		Neg/Neg/Neg	New or increased cough Sore throat	Pos
C4591001 1006 10061114 (USA/21/M)	Dose 2/35	20OCT2020		Neg/Neg/Neg	New or increased cough New or increased muscle pain New loss of taste or smell Sore throat	Pos
C4591001 1007 10071409 (USA/13/M)	Dose 1/10	31OCT2020		Unk/Neg/Unk	Fever	Pos
C4591001 1008 10081011 (USA/55/F)	Dose 2/52	22OCT2020		Neg/Neg/Neg	New loss of taste or smell	Pos
C4591001 1008 10081130 (USA/52/F)	Dose 2/32	17OCT2020	29OCT2020	Neg/Neg/Neg	New or increased shortness of breath	Pos
C4591001 1008 10081338 (USA/53/M)	Dose 2/1	06OCT2020	16OCT2020	Neg/Neg/Neg	Fever	Pos

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C4591001 1008 10081529 (USA/38/M)	Dose 1/2	26SEP2020		Neg/Neg/Pos	New or increased cough New or increased shortness of breath Chills New or increased muscle pain Sore throat	Pos
C4591001 1008 10081639 (USA/63/M)	Dose 1/6	24OCT2020		Unk/Neg/Unk	New loss of taste or smell Sore throat	Pos
C4591001 1009 10091128 (USA/51/M)	Dose 2/30	15OCT2020		Neg/Neg/Neg	Sore throat New or increased cough	Pos
C4591001 1013 10131288 (USA/53/M)	Dose 2/11	25SEP2020	06OCT2020	Neg/Neg/Neg	Chills New or increased muscle pain New loss of taste or smell Sore throat New or increased cough	Pos
					New or increased shortness of breath Chills	

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C4591001 1013 10131475 (USA/49/F)	Dose 2/23	22OCT2020	25OCT2020	Neg/Neg/Neg	New or increased muscle pain New loss of taste or smell New or increased cough	Pos
C4591001 1013 10131670 (USA/41/M)	Dose 1/4	11OCT2020		Unk/Pos/Neg	New or increased muscle pain Sore throat New loss of taste or smell	Pos
C4591001 1016 10161003 (USA/23/F)	Dose 2/57	14OCT2020		Neg/Neg/Neg	Fever	Pos
C4591001 1016 10161004 (USA/51/F)	Dose 2/58	15OCT2020		Neg/Neg/Neg	New or increased cough Chills New loss of taste or smell New loss of taste or smell	Pos
C4591001 1016 10161017 (USA/18/F)	Dose 2/19	07SEP2020		Neg/Neg/Neg	Sore throat Fever	Pos
C4591001 1016 10161035 (USA/70/F)	Dose 2/67	29OCT2020	29OCT2020	Neg/Neg/Neg	Chills New or increased muscle pain New loss of taste or smell New or increased cough	Pos

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C4591001 1016 10161183 (USA/31/F)	Dose 2/32	16OCT2020		Neg/Neg/Neg	Fever New or increased cough Chills New or increased muscle pain New loss of taste or smell Sore throat Diarrhea Vomiting	Pos
C4591001 1016 10161207 (USA/62/F)	Dose 2/27	14OCT2020		Neg/Neg/Neg	New or increased cough Chills New or increased muscle pain Sore throat	Pos
C4591001 1016 10161316 (USA/15/M)	Dose 1/17	01NOV2020		Unk/Neg/Unk	New or increased cough Chills New or increased muscle pain New loss of taste or smell Sore throat Diarrhea	Pos
C4591001 1016 10161341 (USA/44/F)	Dose 1/10	31OCT2020		Unk/Neg/Unk	New or increased cough	Pos

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C4591001 1024 10241130 (USA/65/M)	Dose 1/9	28OCT2020		Unk/Neg/Unk	New or increased shortness of breath Sore throat Diarrhea Fever	Pos
C4591001 1028 10281038 (USA/53/F)	Dose 2/31	10OCT2020		Neg/Neg/Neg	New or increased muscle pain Fever	Pos
C4591001 1028 10281100 (USA/47/F)	Dose 2/19	11OCT2020		Neg/Neg/Neg	New or increased cough Sore throat New or increased cough	Pos
C4591001 1028 10281132 (USA/61/M)	Dose 2/14	11OCT2020		Neg/Neg/Neg	Fever	Pos
C4591001 1028 10281138 (USA/38/F)	Dose 2/25	23OCT2020		Neg/Neg/Neg	New or increased cough Chills New or increased muscle pain Sore throat Fever	Pos
					Chills Sore throat Diarrhea	

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C4591001 1028 10281193 (USA/60/F)	Dose 2/7	14OCT2020		Neg/Neg/Neg	New or increased cough Chills	Pos
C4591001 1028 10281229 (USA/45/M)	Dose 2/3	17OCT2020		Neg/Neg/Neg	New or increased cough Chills New loss of taste or smell Sore throat Vomiting	Pos
C4591001 1028 10281250 (USA/18/M)	Dose 1/11	18OCT2020		Neg/Neg/Unk	Sore throat	Pos
C4591001 1036 10361078 (USA/20/M)	Dose 2/2	01OCT2020		Neg/Neg/Pos	New loss of taste or smell	Pos
C4591001 1038 10381103 (USA/43/F)	Dose 2/5	04OCT2020		Neg/Neg/Neg	New loss of taste or smell	Pos
C4591001 1039 10391021 (USA/26/F)	Dose 1/1	25AUG2020	14SEP2020	Neg/Pos/Pos	Fever New or increased cough New or increased shortness of breath New loss of taste or smell Sore throat	Pos
C4591001 1039 10391025 (USA/55/F)	Dose 2/40	25OCT2020	27OCT2020	Neg/Neg/Neg	Sore throat	Pos
C4591001 1047 10471024 (USA/63/F)	Dose 2/37	16OCT2020	18OCT2020	Neg/Neg/Neg	Fever	Pos

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C4591001 1047 10471252 (USA/63/M)	Dose 1/22	12OCT2020		Neg/Neg/Unk	Diarrhea Vomiting Fever	Pos
C4591001 1068 10681033 (USA/65/M)	Dose 1/23	15SEP2020	21OCT2020	Neg/Neg/Pos	New or increased cough New or increased shortness of breath New or increased muscle pain Diarrhea	Pos
C4591001 1068 10681082 (USA/58/M)	Dose 2/42	01NOV2020		Neg/Neg/Neg	Diarrhea Fever	Pos
C4591001 1068 10681110 (USA/30/F)	Dose 2/22	16OCT2020		Neg/Neg/Neg	New or increased cough Sore throat New or increased cough	Pos
C4591001 1071 10711216 (USA/64/F)	Dose 1/4	12OCT2020		Unk/Neg/Unk	New loss of taste or smell Fever	Pos

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C4591001 1072 10721051 (USA/47/F)	Dose 1/12	06SEP2020	20SEP2020	Neg/Neg/Unk	New or increased cough New or increased shortness of breath New or increased muscle pain Sore throat Fever	Pos
C4591001 1079 10791046 (USA/55/F)	Dose 2/62	26OCT2020		Neg/Neg/Neg	New or increased cough New loss of taste or smell Sore throat	Pos
C4591001 1079 10791054 (USA/28/F)	Dose 2/63	29OCT2020		Neg/Neg/Neg	New or increased cough	Pos
C4591001 1079 10791162 (USA/20/M)	Dose 2/45	09OCT2020		Neg/Neg/Neg	Fever	Pos
C4591001 1081 10811151 (USA/79/F)	Dose 2/10	30SEP2020	14OCT2020	Neg/Neg/Neg	Sore throat New or increased cough	Pos
C4591001 1082 10821016 (USA/46/F)	Dose 2/44	06OCT2020		Neg/Neg/Neg	Fever	Pos
					New or increased cough Chills New or increased muscle pain	

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C4591001 1085 10851286 (USA/52/F)	Dose 1/24	02OCT2020		Neg/Neg/Unk	New loss of taste or smell Sore throat	Pos
C4591001 1087 10871089 (USA/21/F)	Dose 1/19	04SEP2020	30SEP2020	Neg/Neg/Unk	Fever	Pos
C4591001 1087 10871209 (USA/50/F)	Dose 1/7	31AUG2020	03SEP2020	Neg/Neg/Unk	Fever	Pos
C4591001 1088 10881219 (USA/63/M)	Dose 2/17	25OCT2020		Neg/Neg/Neg	New or increased muscle pain New loss of taste or smell Fever	Pos
C4591001 1089 10891217 (USA/64/F)	Dose 1/5	04SEP2020	12SEP2020	Neg/Neg/Pos	New or increased cough New or increased muscle pain New or increased cough	Pos
C4591001 1090 10901121 (USA/58/F)	Dose 2/49	18OCT2020	22OCT2020	Neg/Neg/Neg	New or increased shortness of breath Fever	Pos
C4591001 1091 10911014 (USA/52/M)	Dose 2/76	03NOV2020		Neg/Neg/Neg	New loss of taste or smell Chills	Pos
C4591001 1092 10921021 (USA/60/F)	Dose 2/48	27OCT2020		Neg/Neg/Neg	Diarrhea Fever	Pos

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C4591001 1092 10921130 (USA/53/M)	Dose 2/18	09OCT2020		Neg/Neg/Neg	New or increased cough Chills New or increased muscle pain Fever	Pos
C4591001 1092 10921158 (USA/23/M)	Dose 1/10	12SEP2020	21SEP2020	Neg/Neg/Pos	New loss of taste or smell Sore throat Diarrhea New or increased cough	Pos
C4591001 1092 10921268 (USA/64/F)	Dose 1/2	23OCT2020		Unk/Neg/Unk	New loss of taste or smell Sore throat Fever	Pos
C4591001 1093 10931014 (USA/68/M)	Dose 2/1	08SEP2020	16SEP2020	Neg/Neg/Neg	New or increased muscle pain New or increased shortness of breath Chills New or increased muscle pain	Pos
C4591001 1093 10931050 (USA/62/M)	Dose 1/24	16SEP2020		Neg/Neg/Unk	New or increased cough New loss of taste or smell	Pos

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C4591001 1093 10931081 (USA/67/F)	Dose 2/19	05OCT2020		Neg/Neg/Neg	Sore throat	Pos
C4591001 1093 10931122 (USA/58/F)	Dose 2/9	08OCT2020		Neg/Neg/Neg	New or increased cough	Pos
					Chills	
					New or increased muscle pain	
C4591001 1093 10931148 (USA/21/F)	Dose 2/1	12OCT2020		Neg/Neg/Pos	New loss of taste or smell	Pos
C4591001 1096 10961258 (USA/55/F)	Dose 2/25	22OCT2020		Neg/Neg/Neg	Diarrhea	
					New or increased cough	Pos
					New or increased muscle pain	
					Sore throat	
C4591001 1096 10961388 (USA/17/F)	Dose 1/4	12OCT2020		Neg/Neg/Pos	Sore throat	Pos
C4591001 1097 10971103 (USA/72/F)	Dose 1/18	25SEP2020		Neg/Neg/Pos	Fever	Pos
					New or increased cough	
					New or increased muscle pain	
					New loss of taste or smell	
					Diarrhea	
C4591001 1097 10971104 (USA/73/M)	Dose 1/18	25SEP2020		Neg/Neg/Pos	Fever	Pos
					New or increased cough	

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C4591001 1098 10981029 (USA/36/M)	Dose 1/11	31AUG2020	01SEP2020	Neg/Neg/Unk	New loss of taste or smell Fever	Pos
C4591001 1098 10981062 (USA/63/F)	Dose 2/32	17OCT2020	20OCT2020	Neg/Neg/Neg	New or increased muscle pain	Pos
C4591001 1101 11011024 (USA/54/F)	Dose 1/11	19SEP2020	07OCT2020	Neg/Neg/Unk	Fever	Pos
C4591001 1109 11091448 (USA/46/F)	Dose 2/9	06OCT2020	28OCT2020	Neg/Neg/Neg	New or increased cough New or increased muscle pain Fever	Pos (R1 Pos)
C4591001 1109 11091556 (USA/41/M)	Dose 1/8	11OCT2020	16OCT2020	Neg/Neg/Neg	New or increased cough New or increased shortness of breath New or increased muscle pain Sore throat	Pos
C4591001 1110 11101006 (USA/34/F)	Dose 1/2	01AUG2020	16AUG2020	Neg/Neg/Pos	New or increased cough	Pos
C4591001 1110 11101072 (USA/42/M)	Dose 2/4	28SEP2020		Neg/Neg/Pos	Chills New loss of taste or smell Vomiting New loss of taste or smell	Pos

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C4591001 1110 11101162 (USA/51/M)	Dose 2/34	24OCT2020		Neg/Neg/Neg	Sore throat Diarrhea New or increased cough	Pos
C4591001 1111 11111010 (USA/75/M)	Dose 2/45	04OCT2020	05OCT2020	Neg/Neg/Neg	New loss of taste or smell Fever	Pos
C4591001 1116 11161253 (USA/61/M)	Dose 1/8	25SEP2020	06OCT2020	Neg/Neg/Pos	Chills Fever	Pos
C4591001 1116 11161322 (USA/23/M)	Dose 2/7	20OCT2020		Neg/Neg/Neg	New or increased cough Chills New or increased muscle pain Fever	Pos
C4591001 1117 11171010 (USA/72/F)	Dose 2/34	11OCT2020		Neg/Neg/Neg	New or increased cough Chills New or increased muscle pain New loss of taste or smell Sore throat Fever	Pos
					New or increased cough	

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C4591001 1118 11181088 (USA/73/M)	Dose 2/36	20OCT2020		Neg/Neg/Neg	New or increased cough New or increased muscle pain	Pos
C4591001 1122 11221025 (USA/40/M)	Dose 2/32	01NOV2020		Neg/Neg/Neg	Fever New or increased cough Chills New or increased muscle pain	Pos
C4591001 1123 11231073 (USA/25/F)	Dose 2/10	10SEP2020	06OCT2020	Neg/Neg/Neg	New or increased cough Chills New or increased muscle pain Sore throat	Pos
C4591001 1123 11231085 (USA/20/M)	Dose 1/4	16AUG2020	27AUG2020	Neg/Neg/Pos	New or increased muscle pain	Pos
C4591001 1123 11231144 (USA/53/F)	Dose 1/9	28AUG2020	19SEP2020	Neg/Unk/Unk	Fever New or increased cough New or increased shortness of breath Chills New or increased muscle pain Sore throat	Pos

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C4591001 1123 11231284 (USA/67/M)	Dose 2/12	24OCT2020		Neg/Neg/Neg	Fever New or increased cough Chills New or increased muscle pain	Pos
C4591001 1123 11231313 (USA/42/F)	Dose 1/13	06OCT2020		Neg/Neg/Pos	Fever Chills New or increased muscle pain	Pos
C4591001 1125 11251006 (USA/35/M)	Dose 2/42	11OCT2020		Neg/Neg/Neg	Fever New or increased cough Chills	Pos
C4591001 1125 11251028 (USA/39/F)	Dose 2/27	29SEP2020	02OCT2020	Neg/Neg/Neg	Fever Chills New or increased muscle pain Sore throat	Pos
C4591001 1125 11251107 (USA/69/M)	Dose 2/3	22OCT2020		Neg/Neg/Neg	Fever Chills	Pos
C4591001 1125 11251114 (USA/59/M)	Dose 2/38	22OCT2020		Neg/Neg/Neg	Fever	Pos

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C4591001 1125 11251148 (USA/54/F)	Dose 1/13	14SEP2020	23SEP2020	Neg/Neg/Neg	New loss of taste or smell	Pos
C4591001 1126 11261017 (USA/34/F)	Dose 2/50	20OCT2020		Neg/Neg/Neg	Fever New or increased muscle pain	Pos
C4591001 1127 11271099 (USA/23/F)	Dose 1/21	08SEP2020	16SEP2020	Neg/Neg/Pos	New or increased cough New or increased shortness of breath Chills New loss of taste or smell Sore throat	Pos
C4591001 1133 11331209 (USA/30/M)	Dose 2/32	10OCT2020		Neg/Neg/Neg	New or increased cough Sore throat	Pos
C4591001 1133 11331512 (USA/36/M)	Dose 1/17	11OCT2020		Neg/Neg/Unk	Fever New loss of taste or smell	Pos
C4591001 1134 11341022 (USA/66/M)	Dose 2/29	29SEP2020	03OCT2020	Neg/Neg/Neg	New or increased muscle pain Sore throat	Pos
C4591001 1135 11351148 (USA/35/M)	Dose 2/3	10SEP2020	20SEP2020	Neg/Neg/Neg	Fever New or increased cough New or increased muscle pain	Pos

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C4591001 1135 11351207 (USA/33/F)	Dose 2/30	13OCT2020		Neg/Neg/Neg	Sore throat New or increased muscle pain New loss of taste or smell Diarrhea	Pos
C4591001 1141 11411020 (USA/29/M)	Dose 2/6	29AUG2020	04SEP2020	Neg/Neg/Neg	New or increased cough	Pos
C4591001 1141 11411088 (USA/52/M)	Dose 2/29	07OCT2020		Neg/Neg/Neg	New or increased muscle pain Sore throat Fever	Pos
C4591001 1147 11471004 (USA/62/M)	Dose 1/22	24AUG2020	28AUG2020	Neg/Neg/Unk	Chills Sore throat New or increased cough	Pos
C4591001 1147 11471035 (USA/52/M)	Dose 1/18	23AUG2020	11SEP2020	Neg/Neg/Unk	Sore throat New or increased cough	Pos
C4591001 1149 11491066 (USA/40/M)	Dose 1/13	24AUG2020	04SEP2020	Neg/Neg/Neg	Chills Sore throat Fever	Pos
C4591001 1149 11491113 (USA/69/M)	Dose 2/44	23OCT2020	24OCT2020	Neg/Neg/Neg	New or increased cough Fever	Pos

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C4591001 1152 11521363 (USA/19/M)	Dose 2/9	06OCT2020		Neg/Neg/Neg	Chills Vomiting New or increased cough	Pos
C4591001 1152 11521372 (USA/28/F)	Dose 2/33	30OCT2020		Neg/Neg/Neg	New or increased cough	Pos
C4591001 1156 11561006 (USA/45/M)	Dose 1/11	30AUG2020	01SEP2020	Neg/Pos/Neg	Chills New or increased muscle pain Sore throat New or increased cough	Pos
C4591001 1156 11561033 (USA/55/F)	Dose 1/11	05SEP2020	26SEP2020	Neg/Neg/Pos	New or increased cough	Pos
C4591001 1156 11561044 (USA/63/M)	Dose 1/6	01SEP2020		Neg/Neg/Neg	New loss of taste or smell Fever	Pos
					New or increased cough New or increased shortness of breath Chills New or increased muscle pain Sore throat Diarrhea	

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C4591001 1156 11561064 (USA/23/F)	Dose 1/7	04SEP2020	18SEP2020	Neg/Neg/Pos	Fever Chills New or increased muscle pain New loss of taste or smell Diarrhea	Pos
C4591001 1162 11621044 (USA/22/M)	Dose 1/5	10AUG2020		Neg/Unk/Pos	Fever Chills New loss of taste or smell Sore throat	Pos
C4591001 1163 11631113 (USA/25/M)	Dose 2/43	14OCT2020		Neg/Neg/Neg	Fever New or increased cough Chills Sore throat	Pos
C4591001 1163 11631135 (USA/42/M)	Dose 2/21	30SEP2020	02OCT2020	Neg/Neg/Neg	Fever New or increased muscle pain Diarrhea	Pos
C4591001 1167 11671152 (USA/41/F)	Dose 2/26	20OCT2020		Neg/Neg/Neg	Fever New or increased cough Chills	Pos

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16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab^b)
C4591001 1167 11671157 (USA/58/M)	Dose 2/16	14OCT2020		Neg/Neg/Neg	New or increased muscle pain New loss of taste or smell Sore throat Diarrhea Fever	Pos
C4591001 1168 11681007 (USA/33/F)	Dose 2/36	06OCT2020		Neg/Neg/Neg	New or increased cough Chills New or increased muscle pain New or increased cough	Pos
C4591001 1168 11681008 (USA/37/M)	Dose 2/35	05OCT2020		Neg/Neg/Neg	New or increased shortness of breath New or increased muscle pain New loss of taste or smell Sore throat New or increased cough	Pos
C4591001 1168 11681114 (USA/46/F)	Dose 2/23	13OCT2020		Neg/Neg/Neg	New loss of taste or smell Fever New or increased cough Chills	Pos

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16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab^b)
C4591001 1169 11691007 (USA/28/F)	Dose 2/19	11OCT2020		Neg/Unk/Neg	New or increased muscle pain New loss of taste or smell Sore throat Diarrhea	Pos
C4591001 1169 11691058 (USA/32/M)	Dose 1/16	01OCT2020	11OCT2020	Neg/Neg/Pos	New or increased cough Chills Fever	Pos
C4591001 1170 11701089 (USA/25/F)	Dose 2/16	01OCT2020		Neg/Neg/Neg	New or increased cough Chills Fever	Pos
C4591001 1171 11711269 (USA/61/M)	Dose 2/5	11OCT2020		Neg/Neg/Neg	Sore throat New or increased cough	Pos
C4591001 1174 11741053 (USA/24/F)	Dose 2/5	05OCT2020		Neg/Neg/Neg	Chills New loss of taste or smell	Pos
C4591001 1178 11781065 (USA/48/M)	Dose 2/23	13OCT2020	25OCT2020	Neg/Neg/Neg	Fever	Pos
					New or increased cough Chills New or increased muscle pain	

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16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab^b)
C4591001 1178 11781238 (USA/60/F)	Dose 2/16	29OCT2020		Neg/Neg/Neg	Sore throat Fever	Pos
C4591001 1178 11781276 (USA/72/M)	Dose 2/7	27OCT2020		Neg/Neg/Unk	New or increased cough Chills New or increased muscle pain Sore throat	Pos
C4591001 1194 11941061 (DEU/51/M)	Dose 1/6	24OCT2020		Unk/Pos/Unk	New loss of taste or smell	Pos
C4591001 1226 12261309 (BRA/61/M)	Dose 2/40	20OCT2020	26OCT2020	Neg/Neg/Neg	New or increased cough	Pos
C4591001 1226 12261360 (BRA/26/M)	Dose 2/1	11SEP2020		Neg/Neg/Pos	New or increased cough	Pos
C4591001 1226 12261363 (BRA/48/F)	Dose 2/23	03OCT2020		Neg/Neg/Neg	New loss of taste or smell New or increased cough	Pos
					Chills	

16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab^b)
C4591001 1226 12261894 (BRA/28/M)	Dose 1/5	29SEP2020	02OCT2020	Unk/Neg/Pos	New or increased muscle pain New loss of taste or smell Sore throat Vomiting Fever	Pos
C4591001 1226 12262267 (BRA/27/F)	Dose 1/2	18OCT2020		Unk/Pos/Unk	Chills New or increased muscle pain New loss of taste or smell	Pos
C4591001 1231 12311043 (ARG/46/M)	Dose 2/40	10OCT2020	11OCT2020	Neg/Neg/Neg	New or increased cough	Pos
C4591001 1231 12311054 (ARG/37/M)	Dose 1/8	18AUG2020	18AUG2020	Neg/Neg/Unk	Chills Fever	Pos
C4591001 1231 12311087 (ARG/44/M)	Dose 1/15	26AUG2020	15SEP2020	Neg/Neg/Pos	Fever	Pos
					New or increased cough New or increased muscle pain New loss of taste or smell Diarrhea Vomiting	

16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab^b)
C4591001 1231 12311147 (ARG/31/M)	Dose 1/5	17AUG2020	30AUG2020	Neg/Neg/Neg	New loss of taste or smell Sore throat	Pos
C4591001 1231 12311195 (ARG/53/M)	Dose 1/16	29AUG2020	10OCT2020	Neg/Neg/Neg	New loss of taste or smell	Pos
C4591001 1231 12311267 (ARG/67/M)	Dose 2/24	26SEP2020	07OCT2020	Neg/Neg/Neg	Fever New or increased cough Sore throat	Pos
C4591001 1231 12311356 (ARG/30/F)	Dose 1/17	31AUG2020	18SEP2020	Neg/Neg/Unk	New or increased muscle pain New loss of taste or smell	Pos
C4591001 1231 12311391 (ARG/28/F)	Dose 1/10	24AUG2020		Neg/Neg/Unk	New or increased cough New or increased muscle pain Sore throat	Pos
C4591001 1231 12311407 (ARG/63/M)	Dose 2/24	27SEP2020	06OCT2020	Neg/Neg/Neg	Fever Chills New or increased muscle pain Diarrhea	Pos
C4591001 1231 12311431 (ARG/21/M)	Dose 1/3	17AUG2020	07SEP2020	Neg/Neg/Unk	Fever New or increased cough	Pos

16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1231 12311531 (ARG/35/M)	Dose 2/9	16SEP2020	27SEP2020	Neg/Neg/Neg	Chills New or increased muscle pain Sore throat Fever	Pos
C4591001 1231 12311532 (ARG/50/M)	Dose 1/8	23AUG2020	25AUG2020	Neg/Neg/Pos	New or increased shortness of breath New or increased muscle pain Fever	Pos
C4591001 1231 12311549 (ARG/58/F)	Dose 1/13	28AUG2020	13SEP2020	Neg/Neg/Pos	New or increased cough Fever	Pos
C4591001 1231 12311556 (ARG/24/M)	Dose 2/45	21OCT2020		Neg/Neg/Neg	New loss of taste or smell New loss of taste or smell	Pos
C4591001 1231 12311568 (ARG/43/M)	Dose 1/6	21AUG2020	10SEP2020	Neg/Neg/Pos	New or increased muscle pain New loss of taste or smell	Pos
C4591001 1231 12311641 (ARG/25/M)	Dose 1/10	25AUG2020	15SEP2020	Neg/Pos/Pos	New loss of taste or smell	Pos
C4591001 1231 12311651 (ARG/52/F)	Dose 2/8	14SEP2020	01OCT2020	Neg/Neg/Neg	New or increased cough Chills	Pos

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16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1231 12311656 (ARG/20/F)	Dose 1/24	08SEP2020	20SEP2020	Neg/Neg/Pos	New or increased muscle pain Sore throat Vomiting	Pos
C4591001 1231 12311664 (ARG/34/F)	Dose 2/9	15SEP2020	03OCT2020	Neg/Neg/Neg	New loss of taste or smell Sore throat	Pos
C4591001 1231 12311754 (ARG/54/M)	Dose 2/38	14OCT2020	25OCT2020	Neg/Neg/Neg	New or increased cough	Pos
C4591001 1231 12311911 (ARG/41/F)	Dose 1/8	25AUG2020	30AUG2020	Neg/Neg/Neg	New or increased muscle pain Sore throat	Pos
C4591001 1231 12311982 (ARG/41/F)	Dose 2/37	14OCT2020		Neg/Neg/Neg	Sore throat	Pos
C4591001 1231 12312130 (ARG/64/F)	Dose 1/3	20AUG2020	27AUG2020	Neg/Pos/Neg	New or increased muscle pain Sore throat	Pos

16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1231 12312320 (ARG/51/F)	Dose 1/61	18OCT2020		Neg/Neg/Unk	New or increased cough Sore throat	Pos
C4591001 1231 12312334 (ARG/40/F)	Dose 1/15	02SEP2020		Neg/Neg/Pos	New loss of taste or smell	Pos
C4591001 1231 12312339 (ARG/22/F)	Dose 1/6	24AUG2020	23SEP2020	Neg/Neg/Neg	New loss of taste or smell	Pos
C4591001 1231 12312375 (ARG/43/F)	Dose 1/9	27AUG2020	07SEP2020	Neg/Neg/Pos	New loss of taste or smell	Pos
C4591001 1231 12312479 (ARG/43/M)	Dose 2/30	09OCT2020		Neg/Neg/Neg	Sore throat Vomiting New or increased cough	Pos
C4591001 1231 12312507 (ARG/47/F)	Dose 2/10	17SEP2020	28SEP2020	Neg/Neg/Neg	Chills New or increased muscle pain New loss of taste or smell New or increased muscle pain	Pos
C4591001 1231 12312571 (ARG/62/M)	Dose 1/13	01SEP2020	13SEP2020	Neg/Neg/Pos	Sore throat Fever	Pos
					New or increased cough	

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16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab^b)
C4591001 1231 12312630 (ARG/39/F)	Dose 2/44	23OCT2020		Neg/Neg/Neg	Fever New or increased cough New or increased shortness of breath New or increased muscle pain Sore throat	Pos
C4591001 1231 12312635 (ARG/71/M)	Dose 2/27	04OCT2020		Neg/Neg/Neg	Fever New or increased cough Chills Sore throat	Pos
C4591001 1231 12312660 (ARG/35/M)	Dose 1/23	11SEP2020	23SEP2020	Neg/Neg/Neg	New or increased cough New loss of taste or smell Sore throat	Pos
C4591001 1231 12312679 (ARG/32/M)	Dose 2/4	14SEP2020		Neg/Neg/Neg	Fever New or increased cough Diarrhea	Pos
C4591001 1231 12312752 (ARG/36/M)	Dose 1/17	06SEP2020	24SEP2020	Neg/Neg/Pos	Fever New or increased cough	Pos
C4591001 1231 12312763 (ARG/43/F)	Dose 1/19	08SEP2020		Neg/Neg/Pos	New or increased cough	Pos

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16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab^b)
C4591001 1231 12312805 (ARG/33/M)	Dose 1/17	06SEP2020	08SEP2020	Neg/Pos/Unk	New loss of taste or smell New or increased cough	Pos
C4591001 1231 12312867 (ARG/40/F)	Dose 2/35	14OCT2020		Neg/Neg/Neg	Fever	Pos
C4591001 1231 12312914 (ARG/50/M)	Dose 2/43	26OCT2020		Neg/Neg/Neg	New loss of taste or smell Diarrhea Fever	Pos
C4591001 1231 12313006 (ARG/50/F)	Dose 1/2	22AUG2020	30AUG2020	Neg/Pos/Pos	New or increased cough New or increased muscle pain Sore throat Fever	Pos
C4591001 1231 12313068 (ARG/41/M)	Dose 1/5	26AUG2020	31AUG2020	Neg/Neg/Pos	Chills Sore throat New or increased muscle pain	Pos
C4591001 1231 12313069 (ARG/36/M)	Dose 1/9	30AUG2020	19SEP2020	Neg/Neg/Pos	New loss of taste or smell New or increased cough New or increased muscle pain New loss of taste or smell Sore throat	Pos

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16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab^b)
C4591001 1231 12313090 (ARG/57/M)	Dose 1/13	03SEP2020	28SEP2020	Neg/Neg/Neg	Fever New or increased shortness of breath	Pos
C4591001 1231 12313103 (ARG/73/M)	Dose 1/10	31AUG2020	10SEP2020	Neg/Neg/Pos	Fever New or increased cough New or increased shortness of breath New or increased muscle pain Diarrhea	Pos
C4591001 1231 12313182 (ARG/33/M)	Dose 2/10	20SEP2020		Neg/Neg/Neg	New or increased shortness of breath New loss of taste or smell	Pos
C4591001 1231 12313225 (ARG/55/F)	Dose 1/3	24AUG2020	24AUG2020	Neg/Pos/Pos	New loss of taste or smell	Pos
C4591001 1231 12313296 (ARG/49/F)	Dose 2/25	04OCT2020	20OCT2020	Neg/Neg/Neg	New or increased cough New loss of taste or smell	Pos
C4591001 1231 12313357 (ARG/31/M)	Dose 1/3	25AUG2020	30AUG2020	Neg/Neg/Pos	Fever	Pos
C4591001 1231 12313395 (ARG/39/M)	Dose 1/2	24AUG2020	31AUG2020	Neg/Pos/Pos	New loss of taste or smell	Pos
C4591001 1231 12313400 (ARG/46/M)	Dose 2/37	19OCT2020	28OCT2020	Neg/Neg/Neg	New or increased cough	Pos

16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1231 12313422 (ARG/34/M)	Dose 2/44	28OCT2020		Unk/Neg/Neg	New or increased shortness of breath Chills New or increased muscle pain Sore throat Fever	Pos
C4591001 1231 12313457 (ARG/60/M)	Dose 1/5	27AUG2020	18SEP2020	Unk/Neg/Pos	New or increased cough New or increased shortness of breath Diarrhea Fever	Pos
C4591001 1231 12313510 (ARG/29/F)	Dose 1/13	04SEP2020	07SEP2020	Unk/Neg/Pos	New or increased cough New or increased muscle pain Fever	Pos
C4591001 1231 12313520 (ARG/28/F)	Dose 2/8	22SEP2020	09OCT2020	Unk/Neg/Neg	New or increased cough New or increased cough	Pos
C4591001 1231 12313657 (ARG/48/F)	Dose 1/11	03SEP2020	18SEP2020	Neg/Neg/Pos	New loss of taste or smell Sore throat Chills	Pos

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16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1231 12313662 (ARG/27/M)	Dose 1/8	31AUG2020	10SEP2020	Neg/Neg/Neg	New or increased muscle pain Sore throat New or increased cough	Pos
C4591001 1231 12313668 (ARG/33/M)	Dose 2/12	24SEP2020	02OCT2020	Neg/Neg/Neg	New or increased muscle pain Diarrhea New loss of taste or smell	Pos
C4591001 1231 12313709 (ARG/38/M)	Dose 1/14	06SEP2020	03OCT2020	Neg/Neg/Neg	Sore throat New loss of taste or smell	Pos
C4591001 1231 12313895 (ARG/50/F)	Dose 2/21	03OCT2020	17OCT2020	Neg/Neg/Neg	Sore throat Fever	Pos
C4591001 1231 12314112 (ARG/52/M)	Dose 2/42	28OCT2020		Neg/Neg/Neg	New or increased cough New or increased muscle pain New loss of taste or smell New or increased cough	Pos
C4591001 1231 12314301 (ARG/56/M)	Dose 1/4	29AUG2020	30SEP2020	Neg/Neg/Pos	New or increased muscle pain New loss of taste or smell	Pos
C4591001 1231 12314308 (ARG/31/F)	Dose 2/15	30SEP2020	11OCT2020	Neg/Neg/Neg	New or increased cough	Pos

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16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1231 12314314 (ARG/33/F)	Dose 1/2	27AUG2020	29AUG2020	Neg/Pos/Unk	New or increased muscle pain Sore throat Vomiting Fever	Pos
C4591001 1231 12314477 (ARG/36/M)	Dose 2/16	03OCT2020	15OCT2020	Pos/Neg/Neg	New or increased cough	Pos
C4591001 1231 12314492 (ARG/23/F)	Dose 1/2	28AUG2020	09SEP2020	Neg/Pos/Pos	New loss of taste or smell Fever	Pos
C4591001 1231 12314534 (ARG/18/F)	Dose 2/21	05OCT2020	09OCT2020	Neg/Neg/Neg	New or increased cough New or increased shortness of breath New or increased muscle pain New loss of taste or smell New or increased cough	Pos
C4591001 1231 12314622 (ARG/32/F)	Dose 2/15	01OCT2020		Neg/Neg/Neg	New or increased muscle pain Sore throat Fever	Pos
					New or increased cough New or increased shortness of breath	

16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1231 12314700 (ARG/43/M)	Dose 1/7	03SEP2020	04OCT2020	Neg/Neg/Neg	Chills New or increased muscle pain New loss of taste or smell Fever	Pos
C4591001 1231 12315636 (ARG/53/F)	Dose 2/35	23OCT2020		Neg/Neg/Neg	New or increased cough Sore throat	Pos
C4591001 1231 12315637 (ARG/40/F)	Dose 2/11	29SEP2020	08OCT2020	Neg/Neg/Neg	Sore throat Fever	Pos
C4591001 1235 12351027 (USA/50/M)	Dose 1/18	23SEP2020	03OCT2020	Neg/Neg/Unk	Chills New or increased muscle pain New loss of taste or smell Fever	Pos
C4591001 1235 12351071 (USA/50/M)	Dose 1/8	21SEP2020	25SEP2020	Neg/Neg/Unk	New or increased cough New or increased shortness of breath Chills Vomiting Fever	Pos

16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1235 12351187 (USA/23/F)	Dose 1/8	23OCT2020		Unk/Neg/Unk	New or increased cough New or increased shortness of breath Chills New or increased muscle pain Sore throat Fever	Pos
C4591001 1235 12351188 (USA/36/F)	Dose 1/6	21OCT2020		Unk/Neg/Unk	New or increased cough Sore throat Chills	Pos
C4591001 1241 12411260 (BRA/39/M)	Dose 1/12	30AUG2020	13SEP2020	Neg/Neg/Unk	New or increased muscle pain New loss of taste or smell	Pos
C4591001 1241 12411688 (BRA/29/M)	Dose 1/13	27SEP2020	15OCT2020	Neg/Neg/Pos	New or increased cough New or increased shortness of breath New or increased muscle pain New loss of taste or smell Sore throat	Pos
C4591001 1241 12411695 (BRA/44/F)	Dose 1/4	18SEP2020	05OCT2020	Neg/Neg/Neg	Fever	Pos

16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1241 12411885 (BRA/23/M)	Dose 2/14	22OCT2020		Pos/Neg/Neg	New or increased cough New or increased shortness of breath New or increased muscle pain Sore throat	Pos
C4591001 1241 12412355 (BRA/38/F)	Dose 1/3	21OCT2020		Unk/Neg/Unk	Diarrhea	Pos
C4591001 1247 12471066 (ZAF/58/F)	Dose 1/17	15OCT2020		Neg/Neg/Unk	New or increased cough	Pos
C4591001 1247 12471085 (ZAF/54/F)	Dose 2/12	30OCT2020	03NOV2020	Neg/Unk/Neg	New or increased shortness of breath New or increased cough	Pos
C4591001 1251 12511159 (USA/37/F)	Dose 2/26	26OCT2020	29OCT2020	Neg/Neg/Neg	Chills Diarrhea New or increased cough	Pos
C4591001 1251 12511207 (USA/48/M)	Dose 1/3	25SEP2020	29OCT2020	Neg/Neg/Pos	New or increased muscle pain New loss of taste or smell New or increased cough	Pos
C4591001 1251 12511209 (USA/62/M)	Dose 2/7	19OCT2020		Neg/Neg/Neg	New or increased cough	Pos

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16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab^b)
C4591001 4444 44441025 (ARG/51/M)	Dose 1/8	28SEP2020	05OCT2020	Neg/Neg/Neg	Fever New or increased cough New loss of taste or smell	Pos
C4591001 4444 44441044 (ARG/35/F)	Dose 1/13	03OCT2020	10OCT2020	Neg/Neg/Unk	New or increased cough	Pos
C4591001 4444 44441224 (ARG/52/M)	Dose 2/13	25OCT2020		Neg/Neg/Neg	Diarrhea Fever	Pos
C4591001 4444 44441253 (ARG/49/M)	Dose 1/5	25SEP2020	09OCT2020	Pos/Neg/Neg	New or increased muscle pain New or increased cough	Pos
C4591001 4444 44441560 (ARG/38/F)	Dose 1/7	29SEP2020	07OCT2020	Neg/Neg/Pos	Sore throat New or increased muscle pain	Pos
C4591001 4444 44441563 (ARG/38/M)	Dose 2/8	21OCT2020		Neg/Neg/Neg	Sore throat New loss of taste or smell	Pos
C4591001 4444 44441787 (ARG/62/M)	Dose 1/4	26SEP2020	27SEP2020	Pos/Neg/Neg	Diarrhea New or increased cough	Pos
C4591001 4444 44442188 (ARG/24/M)	Dose 1/9	05OCT2020		Neg/Pos/Pos	New or increased cough	Pos
C4591001 4444 44442304 (ARG/49/M)	Dose 2/12	26OCT2020		Neg/Neg/Neg	New or increased muscle pain Sore throat	Pos

16.2.8.1.IA1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and COVID-19 Signs and Symptoms – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab^b)
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Abbreviations: ARG = Argentina; BRA = Brazil; DEU = Germany; NAAT = nucleic acid amplification test; N-binding = SARS-CoV-2 nucleoprotein-binding; Neg = negative; Pos = positive; R1 = repeat central swab 1; SARS-CoV-2 = severe acute respiratory syndrome coronavirus 2; Unk = unknown; ZAF = South Africa.

Note: Data from subjects who are not confirmed 7 days post dose 2 cases are included in the analysis to comprehensively show all data reported and/or contribute to the total surveillance time calculation but may be subject to change with additional follow-up.

a. Relative Day (Rel Day) = date of first symptom - date of last dose before first symptom + 1.

PFIZER CONFIDENTIAL SDTM Creation: 06NOV2020 (13:25) Source Data: adsympt Table Generation: 01DEC2020 (01:46)

(Cutoff Date: 04Nov2020, Snapshot Date: 04Nov2020) Output File: ./nda2_unblinded_ia/C4591001_IA_62_Renumbered/adsympt_1001_sympt_d1_aai

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
BNT162b1	18-55	10 µg	C4591001 1001 10011004	Screening	01MAY2020	-3	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.47	
				1/1-3 days	05MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
				Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	360.00				
				Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00				
				Ery. Mean Corpuscular Volume (fL)	79-98	93.00				
				Erythrocytes (10 ¹² /L)	4.1-5.6	3.90 L				
				Hematocrit (L/L)	0.34-0.48	0.36				

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	11MAY2020	8	Monocytes (10 ⁹ /L)	0.12-0.92	0.60	
							Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	360.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.90 L	
							Hematocrit (L/L)	0.34-0.48	0.36	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/19-23 days	26MAY2020	23	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.60 L	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.34	
							Hemoglobin (g/L)	116-164	117.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	
				2/6-8 days	02JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00	L
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
			C4591001 1001 10011006	Screening	04MAY2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	84.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Hemoglobin (g/L)	127-181	135.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/1-3 days	07MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				1/6-8 days	13MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	84.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/19-23 days	27MAY2020	22	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				2/6-8 days	02JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.07	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	86.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.39	
							Hemoglobin (g/L)	127-181	134.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
			C4591001 1001 10011007	Screening	04MAY2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	26.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	82.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.50	
							Hematocrit (L/L)	0.39-0.54	0.45	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/1-3 days	07MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	26.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	83.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Hemoglobin (g/L)	127-181	135.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/6-8 days	14MAY2020	9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	27.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	80.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.30	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/19-23 days	28MAY2020	23	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	26.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	82.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.41	
							Hemoglobin (g/L)	127-181	130.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				2/6-8 days	03JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	26.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	81.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Hemoglobin (g/L)	127-181	130.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.18	
			C4591001 1001 10011008	Screening	04MAY2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.40 L	
							Hematocrit (L/L)	0.39-0.54	0.39	
							Hemoglobin (g/L)	127-181	135.00	1
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.48 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.84 L	1
				Unplanned	05MAY2020	-1	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.55	
				1/1-3 days	07MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.42	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.10 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.81 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.52 L	1
				1/6-8 days	13MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				1/19-23 days	27MAY2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				2/6-8 days	03JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
			C4591001 1001 10011009	Screening	04MAY2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.40	
							Hematocrit (L/L)	0.39-0.54	0.39	
							Hemoglobin (g/L)	127-181	133.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
				1/1-3 days	07MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/6-8 days	13MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				1/19-23 days	27MAY2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	02JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
			C4591001 1002 10021003	Screening	29APR2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.43	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.63	
				1/1-3 days	05MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.54	
				1/6-8 days	11MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.40	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
				1/19-23 days	26MAY2020	23	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				2/6-8 days	01JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
			C4591001 10021004	Screening	29APR2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/1-3 days	05MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.73 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/6-8 days	11MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.16	
				1/19-23 days	26MAY2020	23	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Hemoglobin (g/L)	116-164	118.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				2/6-8 days	01JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.21	
			C4591001 1002 10021007	Screening	30APR2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
							Neutrophils (10 ⁹ /L)	1.96-7.23	2.00	1
				1/1-3 days	07MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.49	
				1/6-8 days	12MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.06	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.86 L	1
				1/19-23 days	26MAY2020	21	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.42	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.98	1
				2/6-8 days	01JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.30 L	2
				Unplanned	29JUN2020	35	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.86 L	1
			C4591001 1002 10021009	Screening	30APR2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				1/1-3 days	07MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	98.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00 L	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.49 L	3
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	12MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
				1/19-23 days	26MAY2020	21	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	98.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.37	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hemoglobin (g/L)	116-164	118.00	1
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.86 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				2/6-8 days	01JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	100.00 H	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00 L	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.06 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.88 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.17	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.90 L	1
				Unplanned	02JUL2020	38	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1002 10021011	Screening	30APR2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.18	
				1/1-3 days	07MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.45	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				1/6-8 days	12MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/19-23 days	26MAY2020	21	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.21	
				2/6-8 days	01JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.12	
				COVID_A	25JUN2020	31	Basophils (10 ⁹ /L)	0-0.2	0.00	
							Erythrocytes (10 ¹² /L)	4.2-5.5	4.84	
							Hematocrit (L/L)	0.38-0.5	0.41	
							Monocytes (10 ⁹ /L)	0.1-1.3	0.60	
			C4591001 1002 10021012	Screening	30APR2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				1/1-3 days	06MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/6-8 days	12MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.01	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/19-23 days	26MAY2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.17	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	01JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
			C4591001 1002 10021013	Screening	01MAY2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.43	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				1/1-3 days	07MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	98.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.75 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				1/6-8 days	12MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.15	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.57 L	1
				1/19-23 days	26MAY2020	21	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				2/6-8 days	01JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.15	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.64 L	1
				Unplanned	29JUN2020	35	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.86 L	1
		20 µg	C4591001 1001 10011067	Screening	23JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	86.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.37	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Hemoglobin (g/L)	116-164	118.00	1
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.03 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.65 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/6-8 days	07JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	87.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.29 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.12	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.57 L	1
				1/19-23 days	22JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				2/6-8 days	30JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.07	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	87.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Hemoglobin (g/L)	116-164	118.00	1
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.48 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.10 L	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.70 L	1
			C4591001 1001 10011068	Screening	23JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/1-3 days	30JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.88 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.58	
				1/6-8 days	06JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.40	L
							Hematocrit (L/L)	0.39-0.54	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/19-23 days	20JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	360.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.53	
				2/6-8 days	27JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.30 L	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
			C4591001 1001 10011070	Screening	23JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	101.00 H	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.50	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	101.00 H	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.69 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.56	
				1/6-8 days	07JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	98.00 H	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.58	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	22JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	102.00 H	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.49 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.93	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				2/6-8 days	29JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	35.00 H	
							Ery. Mean Corpuscular Volume (fL)	79-96	101.00 H	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.51	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.83 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.69	
			C4591001 1001 10011071	Screening	24JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	09JUL2020	9	Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
							Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/19-23 days	22JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				2/6-8 days	29JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
			C4591001 1001 10011076	Screening	25JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	85.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.77 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.80	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	07JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	86.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.30 L	
							Hematocrit (L/L)	0.39-0.54	0.37 L	
							Hemoglobin (g/L)	127-181	127.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				1/19-23 days	21JUL2020	21	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.40	
							Hemoglobin (g/L)	127-181	134.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				2/6-8 days	27JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.30 L	
							Hematocrit (L/L)	0.39-0.54	0.37 L	
							Hemoglobin (g/L)	127-181	126.00 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
			C4591001 1002 10021079	Screening	22JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	35.00 H	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	101.00	H
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
				1/1-3 days	30JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	104.00	H
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.54	
				1/6-8 days	07JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	105.00	H
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				1/19-23 days	21JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	35.00	H
							Ery. Mean Corpuscular Volume (fL)	79-98	107.00	H
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				2/6-8 days	28JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	106.00 H	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
			C4591001 1002 10021080	Screening	22JUN2020	-9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.30 L	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Hemoglobin (g/L)	127-181	134.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
				Unplanned	24JUN2020	-7	Hemoglobin (g/L)	127-181	133.00	1

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.11	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.00 L	
							Hematocrit (L/L)	0.39-0.54	0.38 L	
							Hemoglobin (g/L)	127-181	124.00 L	2
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.49 L	3
							Monocytes (10 ⁹ /L)	0.12-0.92	0.60	
				1/6-8 days	08JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.10 L	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.38 L	
							Hemoglobin (g/L)	127-181	126.00 L	1
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.85 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				1/19-23 days	21JUL2020	21	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	95.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.20 L	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Hemoglobin (g/L)	127-181	131.00	1
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.92	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				2/6-8 days	29JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.05	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	97.00 H	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.20 L	
							Hematocrit (L/L)	0.39-0.54	0.41	
							Hemoglobin (g/L)	127-181	132.00	1
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.98	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				Unplanned	04AUG2020	15	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.42 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.97	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
			C4591001 1002 10021081	Screening	22JUN2020	-9	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.30	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.48	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.77 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.61	
				1/6-8 days	08JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.40	
							Hematocrit (L/L)	0.39-0.54	0.50	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.65	
				1/19-23 days	21JUL2020	21	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.50	
							Hematocrit (L/L)	0.39-0.54	0.52	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	29JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	96.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.65	
			C4591001 1002 10021082	Screening	22JUN2020	-9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.90	
							Hematocrit (L/L)	0.34-0.48	0.43	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	02JUL2020	2	Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.80	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.49 L	3
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
							Platelets (10 ⁹ /L)	140-400	134.00 L	1
				1/6-8 days	08JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.90	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				1/19-23 days	21JUL2020	21	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.80	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
				2/6-8 days	29JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.90	
							Hematocrit (L/L)	0.34-0.48	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
			C4591001 1002 10021084	Screening	23JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.40	L
							Hematocrit (L/L)	0.39-0.54	0.40	
							Hemoglobin (g/L)	127-181	134.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				Unplanned	25JUN2020	-4	Hemoglobin (g/L)	127-181	134.00	1
				1/1-3 days	30JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	95.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.20 L	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Hemoglobin (g/L)	127-181	132.00	1
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.80 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/6-8 days	07JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.30 L	
							Hematocrit (L/L)	0.39-0.54	0.40	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hemoglobin (g/L)	127-181	135.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/19-23 days	21JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	97.00 H	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.00 L	
							Hematocrit (L/L)	0.39-0.54	0.39	
							Hemoglobin (g/L)	127-181	128.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
				2/6-8 days	28JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.10 L	
							Hematocrit (L/L)	0.39-0.54	0.39	
							Hemoglobin (g/L)	127-181	125.00 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
			C4591001 1002 10021085	Screening	23JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.40	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/1-3 days	30JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
				1/6-8 days	07JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	97.00 H	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/19-23 days	21JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				2/6-8 days	28JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.67 L	1

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				Unplanned	04AUG2020	15	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
			C4591001 1002 10021087	Screening	25JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.94	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/6-8 days	08JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/19-23 days	21JUL2020	21	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				2/6-8 days	28JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
		30 µg	C4591001 1001 10011011	Screening	05MAY2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.15	
				1/1-3 days	12MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.79 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
				1/6-8 days	18MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				1/19-23 days	01JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.36	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.16	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	08JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	87.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.36	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
			C4591001 1001 10011012	Screening	05MAY2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.41	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/1-3 days	14MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.83 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.47	
				1/6-8 days	19MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				1/19-23 days	03JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				2/6-8 days	11JUN2020	9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
			C4591001 1001 10011015	Screening	06MAY2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.18	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.91 L	1
				Unplanned	08MAY2020	-3	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				1/1-3 days	12MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.69 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/6-8 days	18MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.15	
				1/19-23 days	01JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				2/6-8 days	08JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.14	
			C4591001 1001 10011017	Screening	07MAY2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.40	
							Hematocrit (L/L)	0.39-0.54	0.49	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	14MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.67 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				1/6-8 days	20MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.43	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	03JUN2020	22	Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
							Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				2/6-8 days	10JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	360.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	86.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
			C4591001 1001 10011019	Screening	07MAY2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.21	
				1/1-3 days	14MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	360.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.69 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/6-8 days	19MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/19-23 days	03JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				2/6-8 days	11JUN2020	9	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
			C4591001 1001 10011020	Screening	07MAY2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				1/1-3 days	14MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.89 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/6-8 days	19MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				1/19-23 days	03JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.13	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.40 L	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	11JUN2020	9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.40	L
							Hematocrit (L/L)	0.39-0.54	0.40	
							Hemoglobin (g/L)	127-181	135.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
			C4591001 1001 10011024	Screening	11MAY2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	86.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
				1/1-3 days	14MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	86.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.85	
				1/6-8 days	19MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	85.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				1/19-23 days	03JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				2/6-8 days	11JUN2020	9	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	86.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
			C4591001 1002 10021006	Screening	30APR2020	-11	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	360.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/1-3 days	12MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	360.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.69 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/6-8 days	18MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/19-23 days	02JUN2020	23	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				2/6-8 days	08JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
			C4591001 1002 10021014	Screening	01MAY2020	-12	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.47	
				1/1-3 days	14MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.68 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	19MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/19-23 days	02JUN2020	21	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.40	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
				2/6-8 days	08JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00 L	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
			C4591001 1002 10021015	Screening	01MAY2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	
				1/6-8 days	18MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.87 L	1
				1/19-23 days	02JUN2020	23	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				2/6-8 days	08JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.90 L	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Leukocytes (10 ⁹ /L)	3.8-10.7	2.89 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.15	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.37 L	2
							Platelets (10 ⁹ /L)	140-400	139.00 L	1
				Unplanned	01JUL2020	30	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
			C4591001 1002 10021017	Screening	01MAY2020	-12	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.90	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/1-3 days	14MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.18	
				1/6-8 days	19MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/19-23 days	02JUN2020	21	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.17	
				2/6-8 days	08JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
							Neutrophils (10 ⁹ /L)	1.96-7.23	2.00	1
				Unplanned	01JUL2020	30	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.78 L	1
			C4591001 1002 10021020	Screening	01MAY2020	-12	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				1/1-3 days	14MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.46 L	3
							Monocytes (10 ⁹ /L)	0.12-0.92	0.47	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	19MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.15	
				1/19-23 days	02JUN2020	21	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.16	
				2/6-8 days	08JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
Placebo	18-55	Placebo	C4591001 1001 10011005	Screening	04MAY2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	100.00 H	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00 L	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
				1/1-3 days	07MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	101.00	H
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.80	L
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/6-8 days	12MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	98.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.90	L

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/19-23 days	26MAY2020	21	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	100.00	H
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.90	L
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				2/6-8 days	02JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	99.00	H

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
			C4591001 1001 10011066	Screening	22JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				1/1-3 days	30JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
				1/6-8 days	06JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.66	
				1/19-23 days	20JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.40 L	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				2/6-8 days	27JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.10 L	
							Hematocrit (L/L)	0.39-0.54	0.38 L	
							Hemoglobin (g/L)	127-181	129.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
			C4591001 1001 10011069	Screening	23JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.06	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/6-8 days	07JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.19 L	2
				1/19-23 days	22JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				2/6-8 days	29JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
			C4591001 1002 10021005	Screening	29APR2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				1/1-3 days	05MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				1/6-8 days	11MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/19-23 days	26MAY2020	23	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.89 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				2/6-8 days	01JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.96	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
			C4591001 1002 10021008	Screening	30APR2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	84.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.30	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.21	
				1/1-3 days	07MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				1/6-8 days	12MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	86.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/19-23 days	26MAY2020	21	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.40	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
				2/6-8 days	01JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.17	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1002 10021018	Screening	01MAY2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00	L
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/1-3 days	12MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	
							Hematocrit (L/L)	0.34-0.48	0.43	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.85 L	1
				1/6-8 days	18MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				1/19-23 days	02JUN2020	23	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.17	
							Neutrophils (10 ⁹ /L)	1.96-7.23	2.00	1
				2/6-8 days	08JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
			C4591001 1002 10021021	Screening	04MAY2020	-9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
				1/1-3 days	14MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				1/6-8 days	19MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				1/19-23 days	02JUN2020	21	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.36 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.87 L	1
				2/6-8 days	08JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
			C4591001 1002 10021022	Screening	04MAY2020	-9	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	84.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	14MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	86.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/6-8 days	19MAY2020	7	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	86.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	02JUN2020	21	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.30	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				2/6-8 days	08JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.43	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
			C4591001 1002 10021083	Screening	22JUN2020	-9	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	85.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				1/6-8 days	08JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/19-23 days	21JUL2020	21	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				2/6-8 days	28JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.52	
BNT162b1	65-85	10 µg	C4591001 1001 10011037	Screening	01JUN2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	100.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.74 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/6-8 days	18JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	100.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/19-23 days	30JUN2020	20	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				2/6-8 days	06JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.95 L	1
			C4591001 1001 10011039	Screening	03JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.08	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.44	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.62	
				1/1-3 days	11JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.58	
				1/6-8 days	15JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.43	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	29JUN2020	21	Monocytes (10 ⁹ /L)	0.12-0.92	0.62	
							Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	
				2/6-8 days	06JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
			C4591001 1001 10011040	Screening	04JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.90	
							Hematocrit (L/L)	0.37-0.51	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.97	1
				Unplanned	08JUN2020	-3	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.92 L	1
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.50 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.8-3	0.86	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/6-8 days	18JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.90	
							Hematocrit (L/L)	0.37-0.51	0.45	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.85 L	1
				1/19-23 days	02JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.84 L	1
				2/6-8 days	09JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.11 L	
			C4591001 1001 10011041	Screening	04JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.10	
							Hematocrit (L/L)	0.34-0.48	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.49	
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	360.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	89.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.90	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.69	
				1/6-8 days	18JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	89.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.00	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				1/19-23 days	02JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.10	
							Hematocrit (L/L)	0.34-0.48	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.62	
				2/6-8 days	09JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.11	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.00	
							Hematocrit (L/L)	0.34-0.48	0.48	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.55	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1001 10011044	Screening	04JUN2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	88.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.90	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	
				1/1-3 days	10JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	88.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.42	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Lymphocytes (10 ⁹ /L)	0.8-3	1.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.51	
				1/6-8 days	16JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	88.00	
							Erythrocytes (10 ¹² /L)	4-5.8	5.00	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/19-23 days	29JUN2020	21	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	89.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4-5.8	4.90	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				2/6-8 days	06JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	88.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.40	
							Hemoglobin (g/L)	125-170	132.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
			C4591001 1001 10011045	Screening	05JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.86	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/6-8 days	19JUN2020	9	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
							Platelets (10 ⁹ /L)	130-394	137.00	1
				1/19-23 days	02JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				2/6-8 days	09JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
			C4591001 1002 10021043	Screening	29MAY2020	-11	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.90	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	10JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				1/6-8 days	16JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.90	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	30JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	5.10	
							Hematocrit (L/L)	0.37-0.51	0.48	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				2/6-8 days	07JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.44	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
			C4591001 1002 10021044	Screening	29MAY2020	-11	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	100.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				1/1-3 days	10JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.41	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.77 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/6-8 days	16JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				1/19-23 days	30JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				2/6-8 days	07JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.12	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	104.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
			C4591001 1002 10021045	Screening	29MAY2020	-13	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.00	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/6-8 days	18JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.90	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/19-23 days	30JUN2020	20	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				2/6-8 days	07JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
			C4591001 1002 10021049	Screening	01JUN2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	100.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00 H	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.77 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/6-8 days	18JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00 H	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.38	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/19-23 days	30JUN2020	20	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	103.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80	L
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				2/6-8 days	07JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	103.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80	L

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
			C4591001 1002 10021052	Screening	03JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.00	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.10	
							Hematocrit (L/L)	0.34-0.48	0.48	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.89 L	1
				Unplanned	05JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.63	
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.80	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.23 L	4
							Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
				1/6-8 days	18JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.00	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
				1/19-23 days	30JUN2020	20	Basophils (10 ⁹ /L)	0-0.2	0.13	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.90	
							Hematocrit (L/L)	0.34-0.48	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.67 L	1
				2/6-8 days	07JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.08	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.80	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.12	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.79 L	1
				Unplanned	14JUL2020	15	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.46 L	2
				Unplanned	28JUL2020	29	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.59 L	1
			C4591001 1002 10021053	Screening	03JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.70	L
							Hematocrit (L/L)	0.34-0.48	0.35	
							Hemoglobin (g/L)	115-158	115.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.47	L (decrease)
							Lymphocytes (10 ⁹ /L)	0.8-3	0.91	1

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	18JUN2020	8	Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
							Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.36	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.80 L	1
				1/19-23 days	30JUN2020	20	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.35	
							Hemoglobin (g/L)	115-158	119.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				2/6-8 days	07JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.35	
							Hemoglobin (g/L)	115-158	115.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
		20 µg	C4591001 1001 10011043	Screening	04JUN2020	-11	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.40 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.70 L	1
				Unplanned	08JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.84 L	1
				1/1-3 days	16JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.03 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.8-3	0.73 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.15 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.17	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.50 L	1
				1/19-23 days	08JUL2020	24	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				2/6-8 days	14JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Leukocytes (10 ⁹ /L)	3.8-10.7	2.95 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.18	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.09 L	2
			C4591001 1001 10011049	Screening	08JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/1-3 days	16JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				1/19-23 days	06JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	
				2/6-8 days	13JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
			C4591001 1001 10011050	Screening	10JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.09	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	

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16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.55 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
							Platelets (10 ⁹ /L)	130-394	113.00 L	2
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
							Platelets (10 ⁹ /L)	130-394	134.00	1
				1/19-23 days	07JUL2020	21	Basophils (10 ⁹ /L)	0-0.2	0.08	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.46	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Lymphocytes (10 ⁹ /L)	0.8-3	0.97	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				2/6-8 days	15JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	
			C4591001 1001 10011052	Screening	10JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	26.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	81.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.36	
							Hemoglobin (g/L)	115-158	114.00 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				Unplanned	11JUN2020	-6	Hemoglobin (g/L)	115-158	114.00 L	1
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	25.00 L	
							Ery. Mean Corpuscular Volume (fL)	80-100	81.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.34	
							Hemoglobin (g/L)	115-158	105.00 L	2
							Lymphocytes (10 ⁹ /L)	0.8-3	0.83	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.53	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	26.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	80.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.33 L	
							Hemoglobin (g/L)	115-158	109.00 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	26.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	82.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.33 L	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hemoglobin (g/L)	115-158	103.00 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	25.00 L	
							Ery. Mean Corpuscular Volume (fL)	80-100	81.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.34	
							Hemoglobin (g/L)	115-158	107.00 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.58	
			C4591001 1001 10011055	Screening	12JUN2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.66 L	1
				Unplanned	15JUN2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.09 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.8-3	0.65 L	2

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	24JUN2020	8	Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
							Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.27 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.51 L	1
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
			C4591001 1001 10011059	Screening	15JUN2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	89.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.52	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.66 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/6-8 days	25JUN2020	9	Basophils (10 ⁹ /L)	0-0.2	0.01	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
			C4591001 1002 10021054	Screening	03JUN2020	-12	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.43	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				1/1-3 days	16JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.33 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.8-3	0.67 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.69 L	1
				1/19-23 days	07JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.48 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.95 L	1
				2/6-8 days	15JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.05	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	103.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.64	L
				Unplanned	05AUG2020	30	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
			C4591001 1002 10021060	Screening	04JUN2020	-11	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.41	
							Lymphocytes (10 ⁹ /L)	0.8-3	1.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.80	
				Unplanned	09JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.98 H	
				1/1-3 days	16JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.59 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.59	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.41	
							Hemoglobin (g/L)	125-170	133.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.72	
				1/19-23 days	07JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.00	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.10	
							Hematocrit (L/L)	0.37-0.51	0.39	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hemoglobin (g/L)	125-170	127.00	1
							Lymphocytes (10 ⁹ /L)	0.8-3	0.89	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				2/6-8 days	15JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.00	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	300.00 L	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Hemoglobin (g/L)	125-170	135.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.83	
			C4591001 1002 10021064	Screening	05JUN2020	-12	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	5.00	
							Hematocrit (L/L)	0.37-0.51	0.48	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.83	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.62	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				2/6-8 days	16JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	
			C4591001 1002 10021067	Screening	10JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.30	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.68 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.46	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	08JUL2020	22	Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
							Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.60	
				2/6-8 days	16JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	
			C4591001 1002 10021068	Screening	10JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.80	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				2/6-8 days	16JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.00	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
			C4591001 1002 10021071	Screening	11JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.50 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.06	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	16JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Eosinophils (10 ⁹ /L)	0-0.57	0.70 H	1
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
		30 µg	C4591001 1001 10011046	Screening	05JUN2020	-13	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	27.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	84.00	
							Erythrocytes (10 ¹² /L)	4-5.8	5.50	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.37-0.51	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.55	
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	83.00	
							Erythrocytes (10 ¹² /L)	4-5.8	5.30	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.49 L	3
							Monocytes (10 ⁹ /L)	0.12-0.92	1.07 H	
				1/6-8 days	25JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	27.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	82.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4-5.8	5.30	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.57	
				1/19-23 days	09JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	27.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	86.00	
							Erythrocytes (10 ¹² /L)	4-5.8	5.30	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.61	
				2/6-8 days	16JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	83.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.39	
							Hemoglobin (g/L)	125-170	129.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.68	
			C4591001 1001 10011048	Screening	08JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.09	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/1-3 days	17JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.93	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
				1/6-8 days	23JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/19-23 days	08JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1001 10011058	Screening	15JUN2020	-3	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
							Neutrophils (10 ⁹ /L)	1.96-7.23	2.00	1
				Unplanned	16JUN2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.70 L	1
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	102.00 H	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.60 L	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				1/6-8 days	25JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.60 L	
							Hematocrit (L/L)	0.34-0.48	0.36	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.94 L	1
				1/19-23 days	09JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	107.00 H	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				2/6-8 days	16JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.82 L	1
			C4591001 1001 10011061	Screening	15JUN2020	-3	Basophils (10 ⁹ /L)	0-0.2	0.05	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.86	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.54	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	24JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.08	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				1/19-23 days	09JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.22 H	
							Eosinophils (10 ⁹ /L)	0-0.57	1.32 H	1
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	102.00 H	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.51	
				2/6-8 days	16JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
			C4591001 1001 10011063	Screening	16JUN2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.73 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.73	
				1/6-8 days	25JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.78	
				1/19-23 days	07JUL2020	20	Basophils (10 ⁹ /L)	0-0.2	0.09	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.55	
				2/6-8 days	13JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.47	
			C4591001 1002 10021059	Screening	04JUN2020	-11	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	89.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
				1/1-3 days	16JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.58	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	89.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	07JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
				2/6-8 days	15JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	300.00 L	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.30	
							Hematocrit (L/L)	0.37-0.51	0.42	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hemoglobin (g/L)	125-170	127.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
			C4591001 1002 10021062	Screening	05JUN2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				1/1-3 days	16JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				1/19-23 days	07JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	100.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.51	
				2/6-8 days	15JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	300.00	L
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	105.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
			C4591001 1002 10021063	Screening	05JUN2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				1/1-3 days	16JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.47	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.51	
				1/19-23 days	07JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	102.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.49	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.47	
				2/6-8 days	15JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.08	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	103.00	H
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.49	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
			C4591001 1002 10021069	Screening	10JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80	L
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Platelets (10 ⁹ /L)	130-394	140.00	1
				Unplanned	12JUN2020	-6	Platelets (10 ⁹ /L)	130-394	128.00 L	1
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.82	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.18	
							Platelets (10 ⁹ /L)	130-394	126.00 L	1
				1/6-8 days	24JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/19-23 days	08JUL2020	21	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
							Platelets (10 ⁹ /L)	130-394	137.00	1
				2/6-8 days	16JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.14	
							Platelets (10 ⁹ /L)	130-394	131.00	1
			C4591001 1002 10021074	Screening	12JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.52	
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.07	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.94	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.59	
				1/6-8 days	24JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	08JUL2020	21	Basophils (10 ⁹ /L)	0-0.2	0.09	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.64	
				2/6-8 days	16JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	
			C4591001 1002 10021075	Screening	12JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.08	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	4-5.8	5.60	
							Hematocrit (L/L)	0.37-0.51	0.50	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	4-5.8	5.30	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.37-0.51	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.85	
				1/6-8 days	24JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	4-5.8	5.60	
							Hematocrit (L/L)	0.37-0.51	0.51	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.52	
				1/19-23 days	08JUL2020	21	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4-5.8	5.30	
							Hematocrit (L/L)	0.37-0.51	0.49	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.63	
				2/6-8 days	16JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	4-5.8	5.30	
							Hematocrit (L/L)	0.37-0.51	0.48	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.55	
			C4591001 1002 10021077	Screening	12JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.53	
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.57 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
				1/6-8 days	24JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/19-23 days	08JUL2020	21	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
				2/6-8 days	16JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.07	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
Placebo	65-85	Placebo	C4591001 1001 10011042	Screening	04JUN2020	-7	Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
							Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.51	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	89.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.90	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/6-8 days	18JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	30JUN2020	20	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.90	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				2/6-8 days	07JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.43	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
			C4591001 1001 10011053	Screening	11JUN2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/1-3 days	17JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.08	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.21	
				1/6-8 days	23JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/19-23 days	09JUL2020	24	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				2/6-8 days	15JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.18	
			C4591001 1001 10011057	Screening	12JUN2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
			C4591001 1001 10011064	Screening	16JUN2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	89.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/6-8 days	25JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	89.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.90	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	07JUL2020	20	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				2/6-8 days	13JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.42	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
			C4591001 1002 10021042	Screening	29MAY2020	-11	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	
				1/1-3 days	10JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.10	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				1/6-8 days	16JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.21 H	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/19-23 days	30JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.00	
							Hematocrit (L/L)	0.34-0.48	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.47	
				2/6-8 days	07JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.12	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	300.00	L
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.80	
							Hematocrit (L/L)	0.34-0.48	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
			C4591001 1002 10021047	Screening	01JUN2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				1/6-8 days	18JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.90	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/19-23 days	30JUN2020	20	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
				2/6-8 days	07JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.14	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.90	
							Hematocrit (L/L)	0.34-0.48	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
			C4591001 10021050	1002 Screening	03JUN2020	-12	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	100.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.80	
							Hematocrit (L/L)	0.34-0.48	0.48	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				1/1-3 days	16JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.80	
							Hematocrit (L/L)	0.34-0.48	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	07JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.10	
							Hematocrit (L/L)	0.34-0.48	0.51	H
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				2/6-8 days	15JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	300.00	L
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	106.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.00	
							Hematocrit (L/L)	0.34-0.48	0.53	H

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
			C4591001 1002 10021072	Screening	11JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.60 L	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.35	
							Hemoglobin (g/L)	115-158	120.00	1
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.39 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.56 L	1
				1/6-8 days	24JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.16	
				1/19-23 days	08JUL2020	21	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				2/6-8 days	16JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.70 L	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Hemoglobin (g/L)	115-158	120.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.67 L	1

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				Unplanned	23JUL2020	16	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
			C4591001 1002 10021073	Screening	12JUN2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	102.00	H

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	102.00 H	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	102.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				2/6-8 days	16JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
BNT162b2	18-55	10 µg	C4591001 1003 10031018	Screening	01JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/1-3 days	10JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
				1/6-8 days	16JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/19-23 days	30JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				2/6-8 days	07JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.49	
			C4591001 1003 10031019	Screening	01JUN2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.57	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00	L
							Hematocrit (L/L)	0.34-0.48	0.38	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.87	L 1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.89	
				1/6-8 days	18JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	02JUL2020	22	Monocytes (10 ⁹ /L)	0.12-0.92	0.80	
							Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.81	
				2/6-8 days	09JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	98.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.80 L	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.37	
							Hemoglobin (g/L)	116-164	120.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
			C4591001 1003 10031020	Screening	01JUN2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/6-8 days	18JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/19-23 days	02JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				2/6-8 days	09JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	
			C4591001 1003 10031021	Screening	02JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				1/1-3 days	10JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.58	
				1/6-8 days	16JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.99	1
				1/19-23 days	30JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.45	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
				2/6-8 days	07JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.55	
			C4591001 1003 10031022	Screening	03JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.13	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.69	
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	
				1/6-8 days	18JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.00	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.84 L	1
				1/19-23 days	02JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	95.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.75	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.58 L	1
				2/6-8 days	09JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	96.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.80	
			C4591001 10031024	Screening	03JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.21	
				1/6-8 days	18JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				1/19-23 days	02JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				2/6-8 days	09JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1007 10071014	Screening	02JUN2020	-9	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.94	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				Unplanned	10JUN2020	-1	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.80 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/6-8 days	17JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Hemoglobin (g/L)	127-181	135.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				1/19-23 days	01JUL2020	21	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				2/6-8 days	08JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1007 10071015	Screening	02JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				1/1-3 days	10JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.44	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	15JUN2020	8	Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
							Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				1/19-23 days	29JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				2/6-8 days	07JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
			C4591001 1007 10071016	Screening	02JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
				1/1-3 days	12JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.52 L	1
				1/6-8 days	17JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/19-23 days	01JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.21 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.36 L	2
				2/6-8 days	08JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.27 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.64 L	1
			C4591001 1007 10071019	Screening	03JUN2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/1-3 days	10JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00 L	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.58	
				1/6-8 days	15JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				1/19-23 days	29JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
				2/6-8 days	06JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
			C4591001 1007 10071021	Screening	03JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.89 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				Unplanned	08JUN2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/1-3 days	12JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.98	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/6-8 days	17JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	01JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	
				2/6-8 days	08JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
			C4591001 1007 10071022	Screening	03JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.90	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.54	
				1/1-3 days	12JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				1/6-8 days	17JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.11 L	
				1/19-23 days	01JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				2/6-8 days	08JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.17	
		20 µg	C4591001 1003 10031026	Screening	04JUN2020	-13	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	360.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
			C4591001 1003 10031027	Screening	04JUN2020	-11	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				1/1-3 days	16JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.01	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.56	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	06JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
				2/6-8 days	13JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.42	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
			C4591001 1003 10031028	Screening	04JUN2020	-11	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.30	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/1-3 days	16JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.30	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
				1/19-23 days	06JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				2/6-8 days	13JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
			C4591001 1003 10031030	Screening	05JUN2020	-12	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/1-3 days	19JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.00	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.40 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.92	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.17	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	16JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
			C4591001 1003 10031032	Screening	05JUN2020	-12	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.42	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
				1/1-3 days	19JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.12	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	
							Hematocrit (L/L)	0.34-0.48	0.41	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	08JUL2020	22	Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
							Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
			C4591001 10031038	Screening	05JUN2020	-12	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/1-3 days	19JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	97.00 H	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.63	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
				2/6-8 days	14JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.48	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.49	
			C4591001 1007 10071017	Screening	02JUN2020	-13	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.80	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.60	
				1/1-3 days	17JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/19-23 days	06JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				2/6-8 days	13JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
			C4591001 1007 10071023	Screening	03JUN2020	-14	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	102.00 H	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	103.00 H	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.12	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	101.00 H	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.18	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	104.00 H	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.13	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	101.00 H	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	
							Hematocrit (L/L)	0.34-0.48	0.46	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
			C4591001 1007 10071026	Screening	03JUN2020	-12	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/1-3 days	17JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.68 L	1
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				1/19-23 days	06JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				2/6-8 days	13JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
			C4591001 1007 10071027	Screening	03JUN2020	-14	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.58 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.01	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
			C4591001 1007 10071029	Screening	03JUN2020	-14	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.46	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/6-8 days	23JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	86.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.42	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	08JUL2020	22	Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
							Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
			C4591001 10071040	Screening	10JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.61	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.85 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	87.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.47	
		30 µg	C4591001 1003 10031057	Screening	10JUN2020	-14	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				1/1-3 days	25JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.97	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				1/6-8 days	01JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/19-23 days	15JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.21	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	23JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.90	L
							Hematocrit (L/L)	0.34-0.48	0.36	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.11	L
			C4591001 1003 10031059	Screening	10JUN2020	-14	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	95.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.43	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.66	
				1/1-3 days	25JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	95.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.93	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.53	
				1/6-8 days	01JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.40 L	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				1/19-23 days	15JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	95.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.59	
				2/6-8 days	22JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
			C4591001 1003 10031061	Screening	12JUN2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.58	
				1/1-3 days	23JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.00	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.89	
				1/6-8 days	29JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.79	
				1/19-23 days	13JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00 L	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.71	
				2/6-8 days	20JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.57	
			C4591001 1003 10031065	Screening	12JUN2020	-12	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	87.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
				1/1-3 days	25JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.90 L	
							Hematocrit (L/L)	0.34-0.48	0.35	
							Hemoglobin (g/L)	116-164	119.00	1
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.89 L	1

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	01JUL2020	8	Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
							Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	87.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/19-23 days	15JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				2/6-8 days	22JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00	L
							Hematocrit (L/L)	0.34-0.48	0.35	
							Hemoglobin (g/L)	116-164	117.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
			C4591001 1003 10031066	Screening	12JUN2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				1/1-3 days	23JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
				1/6-8 days	29JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
				1/19-23 days	13JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00 L	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				2/6-8 days	20JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00 L	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
			C4591001 1003 10031072	Screening	19JUN2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.12	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	99.00 H	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.80	
							Hematocrit (L/L)	0.34-0.48	0.48	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.76 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				Unplanned	22JUN2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/1-3 days	25JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.68 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	01JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.77 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/19-23 days	16JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				2/6-8 days	23JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
			C4591001 1007 10071046	Screening	11JUN2020	-11	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	35.00 H	
							Ery. Mean Corpuscular Volume (fL)	79-98	104.00 H	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.70 L	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.16	
				1/1-3 days	24JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	35.00 H	
							Ery. Mean Corpuscular Volume (fL)	79-98	103.00 H	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.60 L	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.73 L	1
				1/6-8 days	29JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	35.00 H	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	105.00	H
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.70	L
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				1/19-23 days	15JUL2020	24	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	35.00	H
							Ery. Mean Corpuscular Volume (fL)	79-98	104.00	H
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.60	L
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				2/6-8 days	22JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	35.00 H	
							Ery. Mean Corpuscular Volume (fL)	79-98	101.00 H	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.40 L	
							Hematocrit (L/L)	0.34-0.48	0.34	
							Hemoglobin (g/L)	116-164	117.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.18	
			C4591001 1007 10071050	Screening	11JUN2020	-11	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	22.00 L	
							Ery. Mean Corpuscular Volume (fL)	79-98	72.00 L	
							Erythrocytes (10 ¹² /L)	4.1-5.6	5.70 H	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
				1/1-3 days	24JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	300.00 L	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	22.00 L	
							Ery. Mean Corpuscular Volume (fL)	79-98	73.00 L	
							Erythrocytes (10 ¹² /L)	4.1-5.6	6.00 H	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.64	
				1/6-8 days	29JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	23.00 L	
							Ery. Mean Corpuscular Volume (fL)	79-98	75.00 L	
							Erythrocytes (10 ¹² /L)	4.1-5.6	5.60	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	13JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	23.00 L	
							Ery. Mean Corpuscular Volume (fL)	79-98	72.00 L	
							Erythrocytes (10 ¹² /L)	4.1-5.6	5.30	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Hemoglobin (g/L)	116-164	120.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.53	
				2/6-8 days	16JUL2020	4	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	300.00 L	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	22.00 L	
							Ery. Mean Corpuscular Volume (fL)	79-98	73.00 L	
							Erythrocytes (10 ¹² /L)	4.1-5.6	5.60	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	
			C4591001 1007 10071058	Screening	15JUN2020	-9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Leukocytes (10 ⁹ /L)	3.8-10.7	11.57 H	1 (increase)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				Unplanned	18JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.11	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	
				1/1-3 days	25JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	97.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.60 L	
							Hematocrit (L/L)	0.34-0.48	0.35	
							Hemoglobin (g/L)	116-164	117.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/6-8 days	01JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00 L	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
				1/19-23 days	15JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.06	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	97.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.70 L	
							Hematocrit (L/L)	0.34-0.48	0.36	
							Hemoglobin (g/L)	116-164	119.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
				2/6-8 days	22JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.90 L	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1007 10071063	Screening	15JUN2020	-9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	360.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	84.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.90	
							Hematocrit (L/L)	0.39-0.54	0.49	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/1-3 days	25JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	86.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	6.00	
							Hematocrit (L/L)	0.39-0.54	0.52	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	01JUL2020	8	Monocytes (10 ⁹ /L)	0.12-0.92	0.57	
							Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	85.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.60	
							Hematocrit (L/L)	0.39-0.54	0.48	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/19-23 days	15JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.80	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.51	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.59	
				2/6-8 days	22JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	85.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.90	
							Hematocrit (L/L)	0.39-0.54	0.50	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.73	
			C4591001 1007 10071064	Screening	15JUN2020	-9	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				1/1-3 days	25JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	
							Hematocrit (L/L)	0.39-0.54	0.48	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.95	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				1/6-8 days	01JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.40	
							Hematocrit (L/L)	0.39-0.54	0.49	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				1/19-23 days	15JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	
							Hematocrit (L/L)	0.39-0.54	0.48	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				2/6-8 days	22JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.30	
							Hematocrit (L/L)	0.39-0.54	0.49	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
			C4591001 1007 10071066	Screening	17JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	100.00 H	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/1-3 days	25JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.06	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	99.00	H
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.57	
				1/6-8 days	01JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	99.00	H
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	15JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	99.00 H	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
				2/6-8 days	22JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.08	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	97.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.42	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
Placebo	18-55	Placebo	C4591001 1003 10031016	Screening	01JUN2020	-8	Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
							Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.30	
							Hematocrit (L/L)	0.39-0.54	0.47	
				1/1-3 days	10JUN2020	2	Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
				Basophils (10 ⁹ /L)	0-0.2	0.06				
				Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00				
				Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00				
				Ery. Mean Corpuscular Volume (fL)	79-96	90.00				
				Erythrocytes (10 ¹² /L)	4.5-6.4	5.00				

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.47	
				1/6-8 days	16JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	86.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.70	
				1/19-23 days	30JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.73	
				2/6-8 days	07JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	1.30 H	
			C4591001 1003 10031017	Screening	01JUN2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.30	
							Hematocrit (L/L)	0.39-0.54	0.40	
							Hemoglobin (g/L)	127-181	135.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/1-3 days	12JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/6-8 days	18JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/19-23 days	02JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.40 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.98	1

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	09JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.40	L
							Hematocrit (L/L)	0.39-0.54	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
			C4591001 1003 10031029	Screening	04JUN2020	-11	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.80	
							Hematocrit (L/L)	0.34-0.48	0.44	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.72	
				1/1-3 days	16JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.61	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.43	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	06JUL2020	22	Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
							Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				2/6-8 days	13JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.17	
			C4591001 1003 10031034	Screening	05JUN2020	-12	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.49	
							Platelets (10 ⁹ /L)	140-400	131.00	1
				1/6-8 days	25JUN2020	9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	98.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.96	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	98.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.51	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	1.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
			C4591001 1003 10031050	Screening	08JUN2020	-14	Basophils (10 ⁹ /L)	0-0.2	0.11	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.16	
				Unplanned	16JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.60	
				1/1-3 days	23JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.09	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	29JUN2020	8	Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
				1/19-23 days	13JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
							Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				2/6-8 days	20JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	95.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
			C4591001 1003 10031070	Screening	18JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.01	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.46 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
				Unplanned	19JUN2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	96.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.49	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.94	1

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	01JUL2020	8	Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
							Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				1/19-23 days	15JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.30	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.49	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.19 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.84 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				2/6-8 days	23JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	91.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.18	
			C4591001 1007 10071020	Screening	03JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				1/1-3 days	12JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/6-8 days	17JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/19-23 days	01JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				2/6-8 days	08JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	
							Hematocrit (L/L)	0.39-0.54	0.48	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.55	
			C4591001 1007 10071025	Screening	03JUN2020	-14	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Hemoglobin (g/L)	116-164	119.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.91 L	1

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				Unplanned	10JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.88 L	1
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00 L	
							Hematocrit (L/L)	0.34-0.48	0.37	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	24JUN2020	8	Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
							Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.36	
							Hemoglobin (g/L)	116-164	117.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
			C4591001 1007 10071065	Screening	15JUN2020	-9	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	86.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.90	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.60	
				1/1-3 days	25JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	1.04	H
				1/6-8 days	01JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.95	H
				1/19-23 days	15JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.81	
				2/6-8 days	22JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
BNT162b2	65-85	10 µg	C4591001 1003 10031076	Screening	23JUN2020	-6	Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.64	
							Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
							Basophils (10 ⁹ /L)	0-0.2	0.04	
										1/1-3 days

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	
							Platelets (10 ⁹ /L)	130-394	125.00 L	1
				1/6-8 days	06JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.49	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	20JUL2020	22	Platelets (10 ⁹ /L)	130-394	140.00	1
							Basophils (10 ⁹ /L)	0-0.2	0.08	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				2/6-8 days	27JUL2020	8	Platelets (10 ⁹ /L)	130-394	118.00 L	2
							Basophils (10 ⁹ /L)	0-0.2	0.00	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.68	
							Platelets (10 ⁹ /L)	130-394	134.00	1
			C4591001 1003 10031077	Screening	23JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.58	
				1/6-8 days	07JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.72	
				1/19-23 days	22JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
				2/6-8 days	29JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
			C4591001 1003 10031078	Screening	24JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	87.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.90	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	88.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.00	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
				1/6-8 days	08JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	89.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.80	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				1/19-23 days	22JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	87.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	29JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	85.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.00	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
			C4591001 1003 10031079	Screening	24JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.38	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Hemoglobin (g/L)	115-158	120.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
				1/6-8 days	07JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/19-23 days	22JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				2/6-8 days	29JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.34	
							Hemoglobin (g/L)	115-158	117.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
			C4591001 1003 10031080	Screening	25JUN2020	-4	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.80	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/1-3 days	30JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/6-8 days	05JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/19-23 days	20JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				2/6-8 days	27JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.08	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.67	1
			C4591001 1003 10031087	Screening	25JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.00	
							Hematocrit (L/L)	0.37-0.51	0.39	
							Hemoglobin (g/L)	125-170	133.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				Unplanned	29JUN2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.30	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.07 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.69 L	1
				1/6-8 days	09JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.37-0.51	0.43	
							Leukocytes (10 ⁹ /L)	3.8-10.7	2.72 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.23 L	2
				1/19-23 days	22JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.20	
							Hematocrit (L/L)	0.37-0.51	0.41	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.00 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.50 L	1
				2/6-8 days	29JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.30	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Leukocytes (10 ⁹ /L)	3.8-10.7	2.86 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.21	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.40 L	2
			C4591001 1007 10071051	Screening	11JUN2020	-18	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.37	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.44 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.14	
				Unplanned	15JUN2020	-14	Leukocytes (10 ⁹ /L)	3.8-10.7	3.37 L	1 (decrease)
				1/1-3 days	01JUL2020	3	Basophils (10 ⁹ /L)	0-0.2	0.12	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00 H	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Leukocytes (10 ⁹ /L)	3.8-10.7	2.42 L	2 (decrease)
							Lymphocytes (10 ⁹ /L)	0.8-3	0.34 L	3
							Monocytes (10 ⁹ /L)	0.12-0.92	0.10 L	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.77 L	1
							Platelets (10 ⁹ /L)	130-394	121.00 L	2

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	06JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.21 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.10 L	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.89 L	1
				1/19-23 days	20JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00 H	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.98	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				2/6-8 days	27JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Leukocytes (10 ⁹ /L)	3.8-10.7	2.85 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.8-3	0.83	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.15	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.78 L	1
			C4591001 1007 10071057	Screening	15JUN2020	-15	Basophils (10 ⁹ /L)	0-0.2	0.06	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/1-3 days	01JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.08	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.92	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.47	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	08JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00	H
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				1/19-23 days	22JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.39	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
				2/6-8 days	29JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.09	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	100.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	
			C4591001 1007 10071071	Screening	22JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
				1/1-3 days	30JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.96	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/6-8 days	06JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				1/19-23 days	20JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				2/6-8 days	27JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
			C4591001 10071073	Screening	22JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.36	
							Hemoglobin (g/L)	115-158	116.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				Unplanned	24JUN2020	-6	Hemoglobin (g/L)	115-158	120.00	1
				1/1-3 days	01JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.70 L	
							Hematocrit (L/L)	0.34-0.48	0.35	
							Hemoglobin (g/L)	115-158	112.00 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
				1/6-8 days	08JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.70 L	
							Hematocrit (L/L)	0.34-0.48	0.36	
							Hemoglobin (g/L)	115-158	118.00	1

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/19-23 days	22JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.70 L	
							Hematocrit (L/L)	0.34-0.48	0.35	
							Hemoglobin (g/L)	115-158	115.00	1
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.48 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.14	
				2/6-8 days	29JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Hemoglobin (g/L)	115-158	120.00	1
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.07 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.18	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.74 L	1
			C4591001 1007 10071074	Screening	22JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	01JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/6-8 days	08JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	20JUL2020	21	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.18	
				2/6-8 days	27JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.70 L	1
			C4591001 1007 10071077	Screening	24JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				1/1-3 days	01JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.49	
				1/6-8 days	08JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/19-23 days	22JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				2/6-8 days	29JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
		20 µg	C4591001 1003 10031031	Screening	05JUN2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/1-3 days	16JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
				1/6-8 days	23JUN2020	9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/19-23 days	06JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				2/6-8 days	14JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.07	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
			C4591001 1003 10031035	Screening	05JUN2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.90	
							Hematocrit (L/L)	0.34-0.48	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	16JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.90	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.80	
							Hematocrit (L/L)	0.34-0.48	0.45	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	06JUL2020	22	Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
							Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.80	
							Hematocrit (L/L)	0.34-0.48	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				2/6-8 days	14JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
			C4591001 10031053	Screening	09JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	102.00 H	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	
				1/1-3 days	19JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	105.00 H	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.87	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				1/6-8 days	23JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				2/6-8 days	14JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
			C4591001 1003 10031054	Screening	10JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00 H	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
							Platelets (10 ⁹ /L)	130-394	127.00 L	1
				Unplanned	15JUN2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.91	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.21	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	100.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.90	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.21	
				2/6-8 days	16JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.43	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.17	
			C4591001 1003 10031055	Screening	10JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.99	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				Unplanned	12JUN2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	88.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				1/1-3 days	19JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Leukocytes (10 ⁹ /L)	3.8-10.7	2.47 L	2 (decrease)
							Lymphocytes (10 ⁹ /L)	0.8-3	0.57 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.45 L	2
				1/6-8 days	23JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/19-23 days	06JUL2020	20	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	
				2/6-8 days	15JUL2020	10	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
			C4591001 1003 10031063	Screening	12JUN2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	19JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	105.00 H	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Leukocytes (10 ⁹ /L)	3.8-10.7	2.39 L	2 (decrease)
							Lymphocytes (10 ⁹ /L)	0.8-3	0.92	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.12 L	2
				1/6-8 days	23JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	100.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
			C4591001 10071031	Screening	08JUN2020	-9	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	102.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	3.90 L	
							Hematocrit (L/L)	0.37-0.51	0.39	
							Hemoglobin (g/L)	125-170	128.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				Unplanned	12JUN2020	-5	Hemoglobin (g/L)	125-170	125.00	1
				1/1-3 days	19JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	104.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	4.00	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Hemoglobin (g/L)	125-170	133.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	102.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	3.80 L	
							Hematocrit (L/L)	0.37-0.51	0.38	
							Hemoglobin (g/L)	125-170	126.00	1

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	105.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	4.00	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Hemoglobin (g/L)	125-170	130.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.80 L	1
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	102.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	3.90 L	
							Hematocrit (L/L)	0.37-0.51	0.40	
							Hemoglobin (g/L)	125-170	129.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
			C4591001 1007 10071032	Screening	08JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
				1/1-3 days	17JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.42 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.8-3	0.92	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.89 L	1
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.46	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Lymphocytes (10 ⁹ /L)	0.8-3	0.90	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/19-23 days	06JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.90	
							Hematocrit (L/L)	0.37-0.51	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				2/6-8 days	13JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
			C4591001 10071035	Screening	08JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/1-3 days	17JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
				1/6-8 days	23JUN2020	9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/19-23 days	06JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
				2/6-8 days	13JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
			C4591001 1007 10071038	Screening	10JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.21	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.90 L	1
				Unplanned	12JUN2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.67 L	1
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
			C4591001 1007 10071039	Screening	10JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.46	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.84	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
			C4591001 1007 10071052	Screening	11JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.42	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	18JUN2020	2	Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.07	
				1/1-3 days	18JUN2020	2	Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
				1/1-3 days	18JUN2020	2	Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
				1/1-3 days	18JUN2020	2	Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
				1/1-3 days	18JUN2020	2	Erythrocytes (10 ¹² /L)	4-5.8	4.50	
				1/1-3 days	18JUN2020	2	Hematocrit (L/L)	0.37-0.51	0.45	
				1/1-3 days	18JUN2020	2	Lymphocytes (10 ⁹ /L)	0.8-3	0.66 L	2
				1/1-3 days	18JUN2020	2	Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/6-8 days	24JUN2020	8	Platelets (10 ⁹ /L)	130-394	126.00 L	1
				1/6-8 days	24JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
				1/6-8 days	24JUN2020	8	Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
				1/6-8 days	24JUN2020	8	Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
				1/6-8 days	24JUN2020	8	Ery. Mean Corpuscular Volume (fL)	80-100	95.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.49	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
		30 µg	C4591001 1003 10031037	Screening	05JUN2020	-11	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	4-5.8	5.00	
							Hematocrit (L/L)	0.37-0.51	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.71	
				1/1-3 days	18JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.61	
				1/6-8 days	23JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
				1/19-23 days	07JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.06	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.90	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	
				2/6-8 days	14JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.49	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1003 10031047	Screening	08JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				Unplanned	12JUN2020	-4	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/1-3 days	18JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/6-8 days	23JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				1/19-23 days	07JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				2/6-8 days	14JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.98	1

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1003 10031051	Screening	08JUN2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.84	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.17	
				Unplanned	12JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.14 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.8-3	0.77 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	107.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.49	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.24 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.8-3	0.48 L	3
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
							Platelets (10 ⁹ /L)	130-394	130.00	1
				1/6-8 days	24JUN2020	7	Basophils (10 ⁹ /L)	0-0.2	0.00	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.46	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.85	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.21	
				1/19-23 days	09JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.47	
							Leukocytes (10 ⁹ /L)	3.8-10.7	2.77 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.8-3	0.76 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.74 L	1
				2/6-8 days	15JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.01	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.11 L	1 (decrease)
							Lymphocytes (10 ⁹ /L)	0.8-3	0.72 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
			C4591001 1003 10031058	Screening	10JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.11	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.60 L	
							Hematocrit (L/L)	0.34-0.48	0.36	
							Hemoglobin (g/L)	115-158	114.00 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
							Platelets (10 ⁹ /L)	130-394	119.00 L	2
				1/6-8 days	25JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/19-23 days	09JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	3.80 L	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Hemoglobin (g/L)	115-158	118.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				2/6-8 days	16JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
			C4591001 1003 10031069	Screening	15JUN2020	-3	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	107.00	H
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.49	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/6-8 days	25JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	100.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	09JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	102.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				2/6-8 days	16JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.45	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
			C4591001 1007 10071034	Screening	08JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	86.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.30	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/1-3 days	17JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	88.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.20	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.52	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	87.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	5.10	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	
				1/19-23 days	06JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	88.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.80	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				2/6-8 days	13JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	28.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	88.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.90	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
			C4591001 1007 10071037	Screening	08JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/1-3 days	17JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.89	
				1/19-23 days	06JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.58	
				2/6-8 days	13JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.71	
			C4591001 1007 10071043	Screening	11JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	104.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	102.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	4.30	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.86	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				1/6-8 days	25JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	09JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				2/6-8 days	16JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	100.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.30	
							Hematocrit (L/L)	0.37-0.51	0.43	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.62	
			C4591001 1007 10071044	Screening	11JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00 H	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	102.00 H	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.60	
				1/6-8 days	25JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				1/19-23 days	09JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00 H	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				2/6-8 days	16JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.00	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
			C4591001 1007 10071045	Screening	11JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Lymphocytes (10 ⁹ /L)	0.8-3	1.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				1/6-8 days	25JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
				1/19-23 days	09JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00 H	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.47	
				2/6-8 days	16JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.10	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
			C4591001 1007 10071049	Screening	11JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.89	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.57	
				1/6-8 days	25JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.47	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	09JUL2020	22	Monocytes (10 ⁹ /L)	0.12-0.92	0.60	
							Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
				2/6-8 days	15JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.37-0.51	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
			C4591001 1007 10071053	Screening	11JUN2020	-7	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.20	
							Hematocrit (L/L)	0.37-0.51	0.39	
							Hemoglobin (g/L)	125-170	135.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
				Unplanned	15JUN2020	-3	Hemoglobin (g/L)	125-170	135.00	1
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.10	
							Hematocrit (L/L)	0.37-0.51	0.40	
							Hemoglobin (g/L)	125-170	133.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/6-8 days	25JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.10	
							Hematocrit (L/L)	0.37-0.51	0.39	
							Hemoglobin (g/L)	125-170	131.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
				1/19-23 days	09JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.30	
							Hematocrit (L/L)	0.37-0.51	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.57	
				2/6-8 days	16JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.20	
							Hematocrit (L/L)	0.37-0.51	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
Placebo	65-85	Placebo	C4591001 1003 10031036	Screening	05JUN2020	-10	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/1-3 days	16JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
				Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00				
				Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00				
				Ery. Mean Corpuscular Volume (fL)	80-100	93.00				
				Erythrocytes (10 ¹² /L)	4-5.8	4.30				
				Hematocrit (L/L)	0.37-0.51	0.40				

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hemoglobin (g/L)	125-170	133.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/6-8 days	22JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.20	
							Hematocrit (L/L)	0.37-0.51	0.39	
							Hemoglobin (g/L)	125-170	130.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/19-23 days	06JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	
							Hematocrit (L/L)	0.37-0.51	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
				2/6-8 days	13JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
			C4591001 1003 10031043	Screening	05JUN2020	-11	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/1-3 days	18JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/6-8 days	23JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
				1/19-23 days	07JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.17	
				2/6-8 days	14JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
			C4591001 1003 10031046	Screening	05JUN2020	-13	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.49	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	310.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00 H	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
							Platelets (10 ⁹ /L)	130-394	125.00 L	1
				1/6-8 days	25JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.30	
							Hematocrit (L/L)	0.34-0.48	0.40	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
							Platelets (10 ⁹ /L)	130-394	128.00	1
				1/19-23 days	09JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
				2/6-8 days	16JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	91.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
			C4591001 1003 10031056	Screening	10JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.26	
				1/1-3 days	19JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.16	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	102.00	H
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/6-8 days	25JUN2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
				1/19-23 days	09JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	96.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
				2/6-8 days	16JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
			C4591001 1003 10031067	Screening	15JUN2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/1-3 days	19JUN2020	3	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	107.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	4.40	
							Hematocrit (L/L)	0.37-0.51	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
				1/6-8 days	25JUN2020	9	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	34.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	100.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.45	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.30 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.88 L	1
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	101.00 H	
							Erythrocytes (10 ¹² /L)	4-5.8	4.90	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.37-0.51	0.50	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.44	
				2/6-8 days	16JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	98.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
			C4591001 1003 10031083	Screening	25JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.80	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.86 L	1
				Unplanned	29JUN2020	-2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				1/1-3 days	02JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.99	1
				1/6-8 days	07JUL2020	7	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	95.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.16	
				1/19-23 days	22JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.87 L	1
				2/6-8 days	30JUL2020	9	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.17	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.90 L	1

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1007 10071042	Screening	11JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	100.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.80	
							Hematocrit (L/L)	0.34-0.48	0.48	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
				1/1-3 days	18JUN2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	100.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.46	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	24JUN2020	8	Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
							Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.60	
							Hematocrit (L/L)	0.34-0.48	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	
				1/19-23 days	08JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	99.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.62	
				2/6-8 days	15JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	97.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.70	
							Hematocrit (L/L)	0.34-0.48	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.57	
			C4591001 1007 10071056	Screening	15JUN2020	-14	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/1-3 days	01JUL2020	3	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
				1/6-8 days	06JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/19-23 days	20JUL2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				2/6-8 days	27JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	80-100	90.00	
							Erythrocytes (10 ¹² /L)	3.9-5.5	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
			C4591001 10071075	Screening	22JUN2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.94	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.34	
							Platelets (10 ⁹ /L)	130-394	128.00 L	1
				Unplanned	24JUN2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Lymphocytes (10 ⁹ /L)	0.8-3	0.97	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
							Platelets (10 ⁹ /L)	130-394	129.00 L	1
				1/1-3 days	01JUL2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	94.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.70	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.90	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.41	
							Platelets (10 ⁹ /L)	130-394	129.00 L	1
				1/6-8 days	07JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.50	
							Hematocrit (L/L)	0.37-0.51	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
							Platelets (10 ⁹ /L)	130-394	117.00 L	2
				1/19-23 days	22JUL2020	23	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	92.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.80	
							Hematocrit (L/L)	0.37-0.51	0.44	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.99	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	

16.2.8.1.1 Listing of Laboratory Measurements – Hematology – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Platelets (10 ⁹ /L)	130-394	120.00 L	2
				2/6-8 days	29JUL2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	80-100	93.00	
							Erythrocytes (10 ¹² /L)	4-5.8	4.60	
							Hematocrit (L/L)	0.37-0.51	0.43	
							Lymphocytes (10 ⁹ /L)	0.8-3	0.69 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
							Platelets (10 ⁹ /L)	130-394	137.00	1

Abbreviations: FDA = Food and Drug Administration; H = high; L = low.

a. Relative Day (Rel day) = date of laboratory result collection - date of last vaccination + 1. For laboratory results collected before the date of the first study vaccination, + 1 was not added to compute relative day.

b. Note: Laboratory reference grades are based on the FDA toxicity grading scale for healthy adult volunteers enrolled in preventive vaccine clinical trials.

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16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
BNT162b1	18-55	100 µg	C4591001 1001 10011026	Screening	12MAY2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
				1/1-3 days	19MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
				Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00				
				Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00				
				Ery. Mean Corpuscular Volume (fL)	79-96	87.00				
				Erythrocytes (10 ¹² /L)	4.5-6.4	5.10				
				Hematocrit (L/L)	0.39-0.54	0.45				

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.74 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.78	
				1/6-8 days	26MAY2020	9	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				1/19-23 days	08JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.07	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/25-31 days	15JUN2020	29	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	86.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
			C4591001 1001 10011028	Screening	12MAY2020	-8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.39	
				1/1-3 days	21MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.69 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.58	
				1/6-8 days	28MAY2020	9	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.32	
				1/19-23 days	10JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
				1/25-31 days	17JUN2020	29	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.45	
			C4591001 1001 10011030	Screening	14MAY2020	-6	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	21MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.44 L	3
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/6-8 days	28MAY2020	9	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.38	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				1/19-23 days	10JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
				1/25-31 days	17JUN2020	29	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	
			C4591001 1001 10011032	Screening	15MAY2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/1-3 days	21MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	1.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.74	
				1/6-8 days	28MAY2020	9	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.14	
							Neutrophils (10 ⁹ /L)	1.96-7.23	2.00	1
				1/19-23 days	10JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.50	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/25-31 days	17JUN2020	29	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.60	
							Hematocrit (L/L)	0.39-0.54	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1001 10011034	Screening	15MAY2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	97.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/1-3 days	21MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.40	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.41 L	3
							Monocytes (10 ⁹ /L)	0.12-0.92	0.60	
				1/6-8 days	28MAY2020	9	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.90 L	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/19-23 days	10JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	97.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.90	L
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/25-31 days	17JUN2020	29	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
			C4591001 1002 10021023	Screening	05MAY2020	-13	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.40	
				1/1-3 days	19MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.57 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/6-8 days	26MAY2020	9	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.14	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.94	1
				1/19-23 days	08JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.19	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/25-31 days	16JUN2020	30	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	3.90 L	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.21	
			C4591001 1002 10021024	Screening	05MAY2020	-13	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	89.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/1-3 days	19MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.31 L	3
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				1/6-8 days	26MAY2020	9	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	87.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/19-23 days	10JUN2020	24	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/25-31 days	16JUN2020	30	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	88.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
			C4591001 1002 10021027	Screening	05MAY2020	-13	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	29.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	86.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Leukocytes (10 ⁹ /L)	3.8-10.7	3.45 L	1 (decrease)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.82 L	1
				Unplanned	13MAY2020	-5	Basophils (10 ⁹ /L)	0-0.2	0.05	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	
				1/1-3 days	19MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.70 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.88	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	26MAY2020	9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/19-23 days	08JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Monocytes (10 ⁹ /L)	0.12-0.92	0.49	
				1/25-31 days	16JUN2020	30	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	87.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.30	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.46	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.89 L	1
			C4591001 1002 10021034	Screening	07MAY2020	-14	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	99.00 H	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.50	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.64	
				1/1-3 days	22MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	
							Hematocrit (L/L)	0.39-0.54	0.46	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.67 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.76	
				1/6-8 days	28MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.57	
							Neutrophils (10 ⁹ /L)	1.96-7.23	1.97	1
				1/19-23 days	09JUN2020	20	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	95.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.55	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/25-31 days	16JUN2020	27	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.48	
			C4591001 1002 10021035	Screening	07MAY2020	-14	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.90	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/1-3 days	22MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	93.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.00	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.83 L	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.36	
				1/6-8 days	28MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.70	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.18	
				1/19-23 days	09JUN2020	20	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	94.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.19	
				1/25-31 days	16JUN2020	27	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-96	92.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	4.80	
							Hematocrit (L/L)	0.39-0.54	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.22	
			C4591001 1002 10021036	Screening	07MAY2020	-14	Basophils (10 ⁹ /L)	0-0.2	0.06	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	98.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.70	
							Hematocrit (L/L)	0.34-0.48	0.46	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.27	
				1/1-3 days	22MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.39	
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.59 L	2
							Monocytes (10 ⁹ /L)	0.12-0.92	0.42	
				1/6-8 days	28MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	96.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.43	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
				1/19-23 days	11JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.05	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.42	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/25-31 days	17JUN2020	28	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	95.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.60	
							Hematocrit (L/L)	0.34-0.48	0.44	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.43	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1002 10021038	Screening	07MAY2020	-14	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.40	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.29	
				1/1-3 days	22MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.39	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Lymphocytes (10 ⁹ /L)	0.91-4.28	0.46 L	3
							Monocytes (10 ⁹ /L)	0.12-0.92	0.53	
				1/6-8 days	28MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	320.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00 L	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Hemoglobin (g/L)	116-164	119.00	1
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				1/19-23 days	09JUN2020	20	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	330.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	94.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00 L	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.24	
				1/25-31 days	16JUN2020	27	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00 L	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.37	
Placebo	18-55	Placebo	C4591001 1001 10011013	Screening	05MAY2020	-13	Basophils (10 ⁹ /L)	0-0.2	0.01	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.30	
				1/1-3 days	19MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.50	
							Hematocrit (L/L)	0.34-0.48	0.41	
							Leukocytes (10 ⁹ /L)	3.8-10.7	11.04 H	1 (increase)
							Monocytes (10 ⁹ /L)	0.12-0.92	0.50	
				1/6-8 days	26MAY2020	9	Basophils (10 ⁹ /L)	0-0.2	0.03	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/19-23 days	08JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.00 L	
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.31	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/25-31 days	16JUN2020	30	Basophils (10 ⁹ /L)	0-0.2	0.02	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.38	
			C4591001 1001 10011021	Screening	07MAY2020	-13	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	93.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.23	
				1/1-3 days	21MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	360.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	90.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.25	
				1/6-8 days	28MAY2020	9	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	32.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	91.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.10	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hematocrit (L/L)	0.34-0.48	0.37	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.20	
				1/19-23 days	10JUN2020	22	Basophils (10 ⁹ /L)	0-0.2	0.09	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	350.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	33.00	
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.20	
							Hematocrit (L/L)	0.34-0.48	0.38	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.18	
				1/25-31 days	17JUN2020	29	Basophils (10 ⁹ /L)	0-0.2	0.03	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Volume (fL)	79-98	92.00	
							Erythrocytes (10 ¹² /L)	4.1-5.6	4.30	
							Hematocrit (L/L)	0.34-0.48	0.40	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.28	
			C4591001 10021041	Screening	18MAY2020	-3	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.30	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.56	
				1/1-3 days	22MAY2020	2	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	90.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.20	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/6-8 days	28MAY2020	8	Basophils (10 ⁹ /L)	0-0.2	0.05	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	
				1/19-23 days	09JUN2020	20	Basophils (10 ⁹ /L)	0-0.2	0.04	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	31.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	89.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.30	
							Hematocrit (L/L)	0.39-0.54	0.47	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.33	
				1/25-31 days	16JUN2020	27	Basophils (10 ⁹ /L)	0-0.2	0.04	
							Ery. Mean Corpuscular HGB Concentration (g/L)	310-380	340.00	
							Ery. Mean Corpuscular Hemoglobin (pg)	26-34	30.00	
							Ery. Mean Corpuscular Volume (fL)	79-96	88.00	
							Erythrocytes (10 ¹² /L)	4.5-6.4	5.10	
							Hematocrit (L/L)	0.39-0.54	0.45	
							Monocytes (10 ⁹ /L)	0.12-0.92	0.35	

16.2.8.1.1.1 Listing of Laboratory Measurements Before Dose 2 – Hematology – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade^b
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Abbreviations: FDA = Food and Drug Administration; H = high; L = low.

a. Relative Day (Rel day) = date of laboratory result collection - date of last vaccination + 1. For laboratory results collected before the date of the first study vaccination, + 1 was not added to compute relative day.

b. Note: Laboratory reference grades are based on the FDA toxicity grading scale for healthy adult volunteers enrolled in preventive vaccine clinical trials.

PFIZER CONFIDENTIAL SDTM Creation: 28AUG2020 (16:32) Source Data: adlb Table Generation: 18SEP2020 (19:42)

(Cutoff Date: 24AUG2020, Snapshot Date: 28AUG2020) Output File: ./nda3/C4591001_IA_P1_100/adlb_1004_hema_100_p1

16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1006 10061084 (USA/27/F)	Dose 2/48	27OCT2020		Neg/Neg/Neg	Fever New or increased cough	Pos
C4591001 1006 10061091 (USA/20/F)	Dose 2/50	30OCT2020		Neg/Neg/Neg	New or increased cough Sore throat	Pos
C4591001 1006 10061114 (USA/21/M)	Dose 2/35	20OCT2020		Neg/Neg/Neg	New or increased cough New or increased muscle pain New loss of taste or smell Sore throat	Pos
C4591001 1008 10081011 (USA/55/F)	Dose 2/52	22OCT2020		Neg/Neg/Neg	New loss of taste or smell	Pos
C4591001 1008 10081130 (USA/52/F)	Dose 2/32	17OCT2020	29OCT2020	Neg/Neg/Neg	New or increased shortness of breath	Pos
C4591001 1009 10091128 (USA/51/M)	Dose 2/30	15OCT2020		Neg/Neg/Neg	New or increased cough Chills New or increased muscle pain New loss of taste or smell Sore throat	Pos
C4591001 1013 10131288 (USA/53/M)	Dose 2/11	25SEP2020	06OCT2020	Neg/Neg/Neg	New or increased cough New or increased shortness of breath	Pos

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1013 10131475 (USA/49/F)	Dose 2/23	22OCT2020	25OCT2020	Neg/Neg/Neg	Chills New or increased muscle pain New loss of taste or smell New or increased cough	Pos
C4591001 1016 10161003 (USA/23/F)	Dose 2/57	14OCT2020		Neg/Neg/Neg	New or increased muscle pain Sore throat Fever	Pos
C4591001 1016 10161004 (USA/51/F)	Dose 2/58	15OCT2020		Neg/Neg/Neg	New or increased cough Chills New loss of taste or smell New loss of taste or smell	Pos
C4591001 1016 10161017 (USA/18/F)	Dose 2/19	07SEP2020		Neg/Neg/Neg	Sore throat Fever	Pos
C4591001 1016 10161035 (USA/70/F)	Dose 2/67	29OCT2020	29OCT2020	Neg/Neg/Neg	Chills New or increased muscle pain New loss of taste or smell New or increased cough	Pos

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1016 10161183 (USA/31/F)	Dose 2/32	16OCT2020		Neg/Neg/Neg	Fever New or increased cough Chills New or increased muscle pain New loss of taste or smell Sore throat Diarrhea Vomiting	Pos
C4591001 1016 10161207 (USA/62/F)	Dose 2/27	14OCT2020		Neg/Neg/Neg	New or increased cough Chills New or increased muscle pain Sore throat	Pos
C4591001 1028 10281038 (USA/53/F)	Dose 2/31	10OCT2020		Neg/Neg/Neg	Fever New or increased cough Sore throat	Pos
C4591001 1028 10281100 (USA/47/F)	Dose 2/19	11OCT2020		Neg/Neg/Neg	New or increased cough	Pos
C4591001 1028 10281132 (USA/61/M)	Dose 2/14	11OCT2020		Neg/Neg/Neg	Fever New or increased cough Chills	Pos

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1028 10281138 (USA/38/F)	Dose 2/25	23OCT2020		Neg/Neg/Neg	New or increased muscle pain Sore throat Fever	Pos
C4591001 1039 10391025 (USA/55/F)	Dose 2/40	25OCT2020	27OCT2020	Neg/Neg/Neg	Chills Sore throat Diarrhea	Pos
C4591001 1047 10471024 (USA/63/F)	Dose 2/37	16OCT2020	18OCT2020	Neg/Neg/Neg	Sore throat Fever	Pos
C4591001 1068 10681082 (USA/58/M)	Dose 2/42	01NOV2020		Neg/Neg/Neg	Diarrhea Vomiting Fever	Pos
C4591001 1068 10681110 (USA/30/F)	Dose 2/22	16OCT2020		Neg/Neg/Neg	New or increased cough Sore throat New or increased cough	Pos
C4591001 1079 10791046 (USA/55/F)	Dose 2/62	26OCT2020		Neg/Neg/Neg	New loss of taste or smell New loss of taste or smell	Pos
C4591001 1079 10791054 (USA/28/F)	Dose 2/63	29OCT2020		Neg/Neg/Neg	New or increased cough	Pos

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab^b)
C4591001 1081 10811151 (USA/79/F)	Dose 2/10	30SEP2020	14OCT2020	Neg/Neg/Neg	New or increased cough	Pos
C4591001 1082 10821016 (USA/46/F)	Dose 2/44	06OCT2020		Neg/Neg/Neg	Fever New or increased cough Chills New or increased muscle pain New loss of taste or smell	Pos
C4591001 1088 10881219 (USA/63/M)	Dose 2/17	25OCT2020		Neg/Neg/Neg	Fever New or increased cough New or increased muscle pain	Pos
C4591001 1090 10901121 (USA/58/F)	Dose 2/49	18OCT2020	22OCT2020	Neg/Neg/Neg	Fever New loss of taste or smell	Pos
C4591001 1092 10921021 (USA/60/F)	Dose 2/48	27OCT2020		Neg/Neg/Neg	Fever New or increased cough Chills New or increased muscle pain	Pos
C4591001 1092 10921130 (USA/53/M)	Dose 2/18	09OCT2020		Neg/Neg/Neg	Fever New loss of taste or smell	Pos

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1093 10931081 (USA/67/F)	Dose 2/19	05OCT2020		Neg/Neg/Neg	Sore throat Diarrhea	Pos
C4591001 1093 10931122 (USA/58/F)	Dose 2/9	08OCT2020		Neg/Neg/Neg	New or increased cough	Pos
C4591001 1096 10961258 (USA/55/F)	Dose 2/25	22OCT2020		Neg/Neg/Neg	Chills New or increased muscle pain New or increased cough	Pos
C4591001 1098 10981062 (USA/63/F)	Dose 2/32	17OCT2020	20OCT2020	Neg/Neg/Neg	New or increased muscle pain Sore throat	Pos
C4591001 1109 11091448 (USA/46/F)	Dose 2/9	06OCT2020	28OCT2020	Neg/Neg/Neg	Fever	Pos (R1 Pos)
C4591001 1110 11101162 (USA/51/M)	Dose 2/34	24OCT2020		Neg/Neg/Neg	New or increased cough New or increased shortness of breath New or increased muscle pain Sore throat	Pos
					New loss of taste or smell	

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab^b)
C4591001 1111 11111010 (USA/75/M)	Dose 2/45	04OCT2020	05OCT2020	Neg/Neg/Neg	Fever Chills	Pos
C4591001 1117 11171010 (USA/72/F)	Dose 2/34	11OCT2020		Neg/Neg/Neg	Fever	Pos
C4591001 1118 11181088 (USA/73/M)	Dose 2/36	20OCT2020		Neg/Neg/Neg	New or increased cough New or increased cough	Pos
C4591001 1122 11221025 (USA/40/M)	Dose 2/32	01NOV2020		Neg/Neg/Neg	New or increased muscle pain Fever	Pos
C4591001 1123 11231073 (USA/25/F)	Dose 2/10	10SEP2020	06OCT2020	Neg/Neg/Neg	New or increased cough Chills New or increased muscle pain	Pos
C4591001 1123 11231284 (USA/67/M)	Dose 2/12	24OCT2020		Neg/Neg/Neg	Sore throat Fever	Pos
					New or increased cough Chills	

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1125 11251006 (USA/35/M)	Dose 2/42	11OCT2020		Neg/Neg/Neg	New or increased muscle pain Fever	Pos
C4591001 1125 11251028 (USA/39/F)	Dose 2/27	29SEP2020	02OCT2020	Neg/Neg/Neg	New or increased cough Chills Fever	Pos
C4591001 1125 11251114 (USA/59/M)	Dose 2/38	22OCT2020		Neg/Neg/Neg	Chills New or increased muscle pain Sore throat Fever	Pos
C4591001 1126 11261017 (USA/34/F)	Dose 2/50	20OCT2020		Neg/Neg/Neg	Fever	Pos
C4591001 1133 11331209 (USA/30/M)	Dose 2/32	10OCT2020		Neg/Neg/Neg	New or increased muscle pain New or increased cough	Pos
C4591001 1134 11341022 (USA/66/M)	Dose 2/29	29SEP2020	03OCT2020	Neg/Neg/Neg	Sore throat New or increased muscle pain	Pos
C4591001 1135 11351207 (USA/33/F)	Dose 2/30	13OCT2020		Neg/Neg/Neg	Sore throat New or increased muscle pain New loss of taste or smell	Pos

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1141 11411088 (USA/52/M)	Dose 2/29	07OCT2020		Neg/Neg/Neg	Diarrhea Fever	Pos
C4591001 1149 11491113 (USA/69/M)	Dose 2/44	23OCT2020	24OCT2020	Neg/Neg/Neg	Chills Sore throat Fever	Pos
C4591001 1152 11521363 (USA/19/M)	Dose 2/9	06OCT2020		Neg/Neg/Neg	Chills Vomiting New or increased cough	Pos
C4591001 1152 11521372 (USA/28/F)	Dose 2/33	30OCT2020		Neg/Neg/Neg	New or increased cough	Pos
C4591001 1163 11631113 (USA/25/M)	Dose 2/43	14OCT2020		Neg/Neg/Neg	Chills New or increased muscle pain Sore throat Fever	Pos
C4591001 1163 11631135 (USA/42/M)	Dose 2/21	30SEP2020	02OCT2020	Neg/Neg/Neg	New or increased cough Chills Sore throat Fever New or increased muscle pain	Pos

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1167 11671152 (USA/41/F)	Dose 2/26	20OCT2020		Neg/Neg/Neg	Diarrhea Fever	Pos
					New or increased cough Chills New or increased muscle pain New loss of taste or smell Sore throat	
C4591001 1167 11671157 (USA/58/M)	Dose 2/16	14OCT2020		Neg/Neg/Neg	Diarrhea Fever	Pos
					New or increased cough Chills New or increased muscle pain	
C4591001 1168 11681007 (USA/33/F)	Dose 2/36	06OCT2020		Neg/Neg/Neg	New or increased cough	Pos
					New or increased shortness of breath New or increased muscle pain New loss of taste or smell Sore throat	
C4591001 1168 11681008 (USA/37/M)	Dose 2/35	05OCT2020		Neg/Neg/Neg	New or increased cough	Pos

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1168 11681114 (USA/46/F)	Dose 2/23	13OCT2020		Neg/Neg/Neg	New loss of taste or smell Fever	Pos
C4591001 1170 11701089 (USA/25/F)	Dose 2/16	01OCT2020		Neg/Neg/Neg	New or increased cough Chills New or increased muscle pain New loss of taste or smell Sore throat Diarrhea	Pos
C4591001 1178 11781065 (USA/48/M)	Dose 2/23	13OCT2020	25OCT2020	Neg/Neg/Neg	Sore throat Fever	Pos
C4591001 1178 11781238 (USA/60/F)	Dose 2/16	29OCT2020		Neg/Neg/Neg	New or increased cough Chills New or increased muscle pain Sore throat Fever	Pos

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1226 12261309 (BRA/61/M)	Dose 2/40	20OCT2020	26OCT2020	Neg/Neg/Neg	Sore throat New or increased cough	Pos
C4591001 1226 12261363 (BRA/48/F)	Dose 2/23	03OCT2020		Neg/Neg/Neg	New or increased cough	Pos
C4591001 1231 12311043 (ARG/46/M)	Dose 2/40	10OCT2020	11OCT2020	Neg/Neg/Neg	Chills New or increased muscle pain New loss of taste or smell Sore throat Vomiting New or increased cough	Pos
C4591001 1231 12311267 (ARG/67/M)	Dose 2/24	26SEP2020	07OCT2020	Neg/Neg/Neg	Chills Fever	Pos
C4591001 1231 12311407 (ARG/63/M)	Dose 2/24	27SEP2020	06OCT2020	Neg/Neg/Neg	New or increased cough Sore throat Fever	Pos
C4591001 1231 12311531 (ARG/35/M)	Dose 2/9	16SEP2020	27SEP2020	Neg/Neg/Neg	Chills New or increased muscle pain Diarrhea Fever	Pos

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1231 12311556 (ARG/24/M)	Dose 2/45	21OCT2020		Neg/Neg/Neg	New or increased shortness of breath New or increased muscle pain New loss of taste or smell	Pos
C4591001 1231 12311651 (ARG/52/F)	Dose 2/8	14SEP2020	01OCT2020	Neg/Neg/Neg	New or increased cough	Pos
C4591001 1231 12311664 (ARG/34/F)	Dose 2/9	15SEP2020	03OCT2020	Neg/Neg/Neg	Chills New or increased muscle pain Sore throat Vomiting Fever	Pos
C4591001 1231 12311754 (ARG/54/M)	Dose 2/38	14OCT2020	25OCT2020	Neg/Neg/Neg	New or increased cough Fever	Pos
C4591001 1231 12311982 (ARG/41/F)	Dose 2/37	14OCT2020		Neg/Neg/Neg	New or increased muscle pain Sore throat New or increased cough	Pos
					New or increased muscle pain Sore throat	

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1231 12312479 (ARG/43/M)	Dose 2/30	09OCT2020		Neg/Neg/Neg	New or increased cough Chills New or increased muscle pain New loss of taste or smell	Pos
C4591001 1231 12312507 (ARG/47/F)	Dose 2/10	17SEP2020	28SEP2020	Neg/Neg/Neg	New or increased muscle pain Sore throat	Pos
C4591001 1231 12312630 (ARG/39/F)	Dose 2/44	23OCT2020		Neg/Neg/Neg	Fever New or increased cough New or increased shortness of breath New or increased muscle pain Sore throat	Pos
C4591001 1231 12312635 (ARG/71/M)	Dose 2/27	04OCT2020		Neg/Neg/Neg	Fever New or increased cough Chills Sore throat	Pos
C4591001 1231 12312867 (ARG/40/F)	Dose 2/35	14OCT2020		Neg/Neg/Neg	Fever New loss of taste or smell Diarrhea	Pos

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab^b)
C4591001 1231 12312914 (ARG/50/M)	Dose 2/43	26OCT2020		Neg/Neg/Neg	Fever New or increased cough New or increased muscle pain Sore throat	Pos
C4591001 1231 12313182 (ARG/33/M)	Dose 2/10	20SEP2020		Neg/Neg/Neg	New or increased shortness of breath New loss of taste or smell	Pos
C4591001 1231 12313296 (ARG/49/F)	Dose 2/25	04OCT2020	20OCT2020	Neg/Neg/Neg	New or increased cough New loss of taste or smell	Pos
C4591001 1231 12313400 (ARG/46/M)	Dose 2/37	19OCT2020	28OCT2020	Neg/Neg/Neg	New or increased cough New or increased shortness of breath Chills New or increased muscle pain Sore throat	Pos
C4591001 1231 12313668 (ARG/33/M)	Dose 2/12	24SEP2020	02OCT2020	Neg/Neg/Neg	New loss of taste or smell Sore throat	Pos
C4591001 1231 12313895 (ARG/50/F)	Dose 2/21	03OCT2020	17OCT2020	Neg/Neg/Neg	Fever New or increased cough	Pos

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1231 12314112 (ARG/52/M)	Dose 2/42	28OCT2020		Neg/Neg/Neg	New or increased muscle pain New loss of taste or smell New or increased cough	Pos
C4591001 1231 12314308 (ARG/31/F)	Dose 2/15	30SEP2020	11OCT2020	Neg/Neg/Neg	New or increased cough	Pos
C4591001 1231 12314534 (ARG/18/F)	Dose 2/21	05OCT2020	09OCT2020	Neg/Neg/Neg	New or increased muscle pain Sore throat Vomiting New or increased cough	Pos
C4591001 1231 12314622 (ARG/32/F)	Dose 2/15	01OCT2020		Neg/Neg/Neg	New or increased muscle pain Sore throat Fever	Pos
C4591001 1231 12315636 (ARG/53/F)	Dose 2/35	23OCT2020		Neg/Neg/Neg	New or increased cough New or increased shortness of breath Chills New or increased muscle pain New loss of taste or smell New or increased cough	Pos

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16.2.8.2.IA1 Listing of Subjects With First COVID-19 Occurrence From 7 Days After Dose 2 and Without Evidence of Infection Prior to 7 Days After Dose 2 – Evaluable Efficacy Population (7 Days) – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs and Symptoms	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 1231 12315637 (ARG/40/F)	Dose 2/11	29SEP2020	08OCT2020	Neg/Neg/Neg	Sore throat Fever	Pos
C4591001 1251 12511159 (USA/37/F)	Dose 2/26	26OCT2020	29OCT2020	Neg/Neg/Neg	Chills New or increased muscle pain New loss of taste or smell New or increased cough	Pos
C4591001 4444 44441224 (ARG/52/M)	Dose 2/13	25OCT2020		Neg/Neg/Neg	New or increased muscle pain New loss of taste or smell Fever	Pos
C4591001 4444 44441563 (ARG/38/M)	Dose 2/8	21OCT2020		Neg/Neg/Neg	New or increased muscle pain New loss of taste or smell Diarrhea	Pos

Abbreviations: ARG = Argentina; BRA = Brazil; NAAT = nucleic acid amplification test; N-binding = SARS-CoV-2 nucleoprotein-binding; Neg = negative; Pos = positive; R1 = repeat central swab 1; SARS-CoV-2 = severe acute respiratory syndrome coronavirus 2.

a. Relative Day (Rel Day) = date of first symptom - date of last dose before first symptom + 1.

PFIZER CONFIDENTIAL SDTM Creation: 06NOV2020 (13:25) Source Data: adsympt Table Generation: 01DEC2020 (01:46)

(Cutoff Date: 04Nov2020, Snapshot Date: 04Nov2020) Output File: ./nda2_unblinded_ia/C4591001_IA_62_Renumbered/adsympt_1001_sympt_d2_eval

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16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
BNT162b1	18-55	10 µg	C4591001 1001 10011004	1/1-3 days	05MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	11MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	26MAY2020	23	Hys Law Criteria		NEG	
				2/6-8 days	02JUN2020	8	Hys Law Criteria		NEG	
			C4591001 1001 10011006	1/1-3 days	07MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	13MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	27MAY2020	22	Hys Law Criteria		NEG	
				2/6-8 days	02JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1001 10011007	1/1-3 days	07MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	14MAY2020	9	Hys Law Criteria		NEG	
				1/19-23 days	28MAY2020	23	Hys Law Criteria		NEG	
				2/6-8 days	03JUN2020	7	Hys Law Criteria		NEG	
C4591001 1001 10011008	1/1-3 days	07MAY2020	2	Hys Law Criteria		NEG				

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	13MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	27MAY2020	22	Hys Law Criteria		NEG	
				2/6-8 days	03JUN2020	8	Hys Law Criteria		NEG	
			C4591001 1001 10011009	1/1-3 days	07MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	13MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	27MAY2020	22	Hys Law Criteria		NEG	
				2/6-8 days	02JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021003	1/1-3 days	05MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	11MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	26MAY2020	23	Hys Law Criteria		NEG	
				2/6-8 days	01JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021004	1/1-3 days	05MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	11MAY2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	26MAY2020	23	Hys Law Criteria		NEG	
				2/6-8 days	01JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021007	1/1-3 days	07MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	12MAY2020	7	Hys Law Criteria		NEG	
				1/19-23 days	26MAY2020	21	Hys Law Criteria		NEG	
				2/6-8 days	01JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021009	1/1-3 days	07MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	12MAY2020	7	Hys Law Criteria		NEG	
				1/19-23 days	26MAY2020	21	Hys Law Criteria		NEG	
				2/6-8 days	01JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021011	1/1-3 days	07MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	12MAY2020	7	Hys Law Criteria		NEG	
				1/19-23 days	26MAY2020	21	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	01JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021012	1/1-3 days	06MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	12MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	26MAY2020	22	Hys Law Criteria		NEG	
				2/6-8 days	01JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021013	1/1-3 days	07MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	12MAY2020	7	Hys Law Criteria		NEG	
				1/19-23 days	26MAY2020	21	Hys Law Criteria		NEG	
				2/6-8 days	01JUN2020	7	Hys Law Criteria		NEG	
		20 µg	C4591001 1001 10011067	1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	07JUL2020	7	Hys Law Criteria		NEG	
				1/19-23 days	22JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	30JUL2020	9	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1001 10011068	1/1-3 days	30JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	06JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1001 10011070	1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG	
				1/19-23 days	22JUL2020	22	Alanine Aminotransferase (ukat/L)	0.08-0.80	0.97 H	1
							Aspartate Aminotransferase (ukat/L)	0.13-0.67	0.80 H	1
							Hys Law Criteria		NEG	
				2/6-8 days	29JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1001 10011071	1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	09JUL2020	9	Hys Law Criteria		NEG	
				1/19-23 days	22JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	29JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1001 10011076	1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	07JUL2020	7	Hys Law Criteria		NEG	
				1/19-23 days	21JUL2020	21	Hys Law Criteria		NEG	
				2/6-8 days	27JUL2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021079	1/1-3 days	30JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	07JUL2020	9	Hys Law Criteria		NEG	
				1/19-23 days	21JUL2020	23	Hys Law Criteria		NEG	
				2/6-8 days	28JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1002 10021080	1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	08JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	21JUL2020	21	Hys Law Criteria		NEG	
				2/6-8 days	29JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1002 10021081	1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	08JUL2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	21JUL2020	21	Hys Law Criteria		NEG	
				2/6-8 days	29JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1002 10021082	Screening	22JUN2020	-9	Urea Nitrogen (mmol/L)	1.43-8.57	8.93 H	1
				Unplanned	24JUN2020	-7	Urea Nitrogen (mmol/L)	1.43-8.57	8.21	1
				1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	08JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	21JUL2020	21	Hys Law Criteria		NEG	
				2/6-8 days	29JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1002 10021084	1/1-3 days	30JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	07JUL2020	9	Hys Law Criteria		NEG	
				1/19-23 days	21JUL2020	23	Hys Law Criteria		NEG	
				2/6-8 days	28JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1002 10021085	1/1-3 days	30JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	07JUL2020	9	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	21JUL2020	23	Hys Law Criteria		NEG	
				2/6-8 days	28JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1002 10021087	1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	08JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	21JUL2020	21	Hys Law Criteria		NEG	
				2/6-8 days	28JUL2020	8	Hys Law Criteria		NEG	
		30 µg	C4591001 1001 10011011	1/1-3 days	12MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18MAY2020	8	Bilirubin (umol/L)	3.4-20.5	23.90 H	1
							Hys Law Criteria		NEG	
				1/19-23 days	01JUN2020	22	Hys Law Criteria		NEG	
				2/6-8 days	08JUN2020	8	Hys Law Criteria		NEG	
			C4591001 1001 10011012	1/1-3 days	14MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	19MAY2020	7	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	03JUN2020	22	Hys Law Criteria		NEG	
				2/6-8 days	11JUN2020	9	Hys Law Criteria		NEG	
			C4591001 1001 10011015	Screening	06MAY2020	-5	Alanine Aminotransferase (ukat/L)	0.08-0.80	0.90 H	1
				Unplanned	08MAY2020	-3	Hys Law Criteria		NEG	
				1/1-3 days	12MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18MAY2020	8	Hys Law Criteria		NEG	
				2/6-8 days	08JUN2020	8	Alanine Aminotransferase (ukat/L)	0.08-0.80	1.07 H	1
							Hys Law Criteria		NEG	
			C4591001 1001 10011017	Screening	07MAY2020	-6	Urea Nitrogen (mmol/L)	1.43-8.57	8.93 H	1
				1/1-3 days	14MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	20MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	03JUN2020	22	Hys Law Criteria		NEG	
				2/6-8 days	10JUN2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1001 10011019	1/1-3 days	14MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	19MAY2020	7	Hys Law Criteria		NEG	
				1/19-23 days	03JUN2020	22	Hys Law Criteria		NEG	
				2/6-8 days	11JUN2020	9	Hys Law Criteria		NEG	
			C4591001 1001 10011020	1/1-3 days	14MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	19MAY2020	7	Hys Law Criteria		NEG	
				1/19-23 days	03JUN2020	22	Aspartate Aminotransferase (ukat/L)	0.13-0.67	0.73 H	1
							Bilirubin (umol/L)	3.4-20.5	23.90 H	1
							Hys Law Criteria		NEG	
				2/6-8 days	11JUN2020	9	Aspartate Aminotransferase (ukat/L)	0.13-0.67	0.75 H	1
							Hys Law Criteria		NEG	
			C4591001 1001 10011024	1/1-3 days	14MAY2020	2	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	19MAY2020	7	Hys Law Criteria		NEG	
				1/19-23 days	03JUN2020	22	Hys Law Criteria		NEG	
				2/6-8 days	11JUN2020	9	Hys Law Criteria		NEG	
			C4591001 1002 10021006	1/1-3 days	12MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	02JUN2020	23	Hys Law Criteria		NEG	
				2/6-8 days	08JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021014	1/1-3 days	14MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	19MAY2020	7	Hys Law Criteria		NEG	
				1/19-23 days	02JUN2020	21	Hys Law Criteria		NEG	
				2/6-8 days	08JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021015	1/6-8 days	18MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	02JUN2020	23	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	08JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021017	1/1-3 days	14MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	19MAY2020	7	Hys Law Criteria		NEG	
				1/19-23 days	02JUN2020	21	Hys Law Criteria		NEG	
				2/6-8 days	08JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021020	1/1-3 days	14MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	19MAY2020	7	Hys Law Criteria		NEG	
				1/19-23 days	02JUN2020	21	Hys Law Criteria		NEG	
				2/6-8 days	08JUN2020	7	Hys Law Criteria		NEG	
Placebo	18-55	Placebo	C4591001 1001 10011005	1/1-3 days	07MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	12MAY2020	7	Hys Law Criteria		NEG	
				1/19-23 days	26MAY2020	21	Hys Law Criteria		NEG	
				2/6-8 days	02JUN2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1001 10011066	1/1-3 days	30JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	06JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	20JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	27JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1001 10011069	1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	07JUL2020	7	Hys Law Criteria		NEG	
				1/19-23 days	22JUL2020	22	Hys Law Criteria		NEG	
			C4591001 1002 10021005	1/1-3 days	05MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	11MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	26MAY2020	23	Hys Law Criteria		NEG	
				2/6-8 days	01JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021008	1/1-3 days	07MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	12MAY2020	7	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	26MAY2020	21	Hys Law Criteria		NEG	
				2/6-8 days	01JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021018	1/1-3 days	12MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	02JUN2020	23	Hys Law Criteria		NEG	
				2/6-8 days	08JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021021	1/1-3 days	14MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	19MAY2020	7	Hys Law Criteria		NEG	
				1/19-23 days	02JUN2020	21	Hys Law Criteria		NEG	
				2/6-8 days	08JUN2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021022	1/1-3 days	14MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	19MAY2020	7	Hys Law Criteria		NEG	
				1/19-23 days	02JUN2020	21	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
BNT162b1	65-85	10 µg	C4591001 1001 10011037	2/6-8 days	08JUN2020	7	Hys Law Criteria		NEG	
				1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	08JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	21JUL2020	21	Hys Law Criteria		NEG	
				2/6-8 days	28JUL2020	8	Hys Law Criteria		NEG	
				1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	30JUN2020	20	Hys Law Criteria		NEG	
				2/6-8 days	06JUL2020	7	Hys Law Criteria		NEG	
				1/1-3 days	11JUN2020	3	Hys Law Criteria		NEG	
C4591001 1001 10011039				1/6-8 days	15JUN2020	7	Hys Law Criteria		NEG	
				2/6-8 days	06JUL2020	8	Hys Law Criteria		NEG	
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	
C4591001 1001 10011040				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	02JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	09JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1001 10011041	1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	02JUL2020	22	Hys Law Criteria		NEG	
			C4591001 1001 10011044	1/1-3 days	10JUN2020	2	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-10.36	8.57	1
				1/6-8 days	16JUN2020	8	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-10.36	8.21	1
				1/19-23 days	29JUN2020	21	Hys Law Criteria		NEG	
				2/6-8 days	06JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1001 10011045	1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	19JUN2020	9	Hys Law Criteria		NEG	
				2/6-8 days	09JUL2020	8	Hys Law Criteria		NEG	

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16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1002 10021043	1/1-3 days	10JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	16JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	30JUN2020	22	Hys Law Criteria		NEG	
				2/6-8 days	07JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1002 10021044	1/1-3 days	10JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	16JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	30JUN2020	22	Hys Law Criteria		NEG	
				2/6-8 days	07JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1002 10021045	Screening	29MAY2020	-13	Urea Nitrogen (mmol/L)	1.43-8.57	8.57	1
				1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	30JUN2020	20	Hys Law Criteria		NEG	
				2/6-8 days	07JUL2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1002 10021049	1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	30JUN2020	20	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-12.14	9.64	2
				2/6-8 days	07JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1002 10021052	1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	30JUN2020	20	Hys Law Criteria		NEG	
				2/6-8 days	07JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1002 10021053	1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	30JUN2020	20	Hys Law Criteria		NEG	
				2/6-8 days	07JUL2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
		20 µg	C4591001 1001 10011043	1/1-3 days	16JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	24	Hys Law Criteria		NEG	
				2/6-8 days	14JUL2020	7	Hys Law Criteria		NEG	
			C4591001 1001 10011049	1/1-3 days	16JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	06JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	13JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1001 10011050	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1001 10011052	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1001 10011055	1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1001 10011059	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	25JUN2020	9	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1002 10021054	1/1-3 days	16JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	8.57	1
				1/19-23 days	07JUL2020	23	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	9	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1002 10021060	Screening	04JUN2020	-11	Aspartate Aminotransferase (ukat/L)	0.13-0.67	0.75 H	1
				1/1-3 days	16JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	07JUL2020	23	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	9	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-12.14	10.36	2
			C4591001 1002 10021064	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1002 10021067	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	16JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1002 10021068	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	9	Alkaline Phosphatase (ukat/L)	0.58-1.73	2.02 H	1
							Hys Law Criteria		NEG	
			C4591001 1002 10021071	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	9	Hys Law Criteria		NEG	
		30 µg	C4591001 1001 10011046	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	25JUN2020	8	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1001 10011048	1/1-3 days	17JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	23JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	23	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1001 10011058	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	25JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	09JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1001 10011061	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	7	Hys Law Criteria		NEG	
				1/19-23 days	09JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1001 10011063	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	25JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	07JUL2020	20	Hys Law Criteria		NEG	
				2/6-8 days	13JUL2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021059	1/1-3 days	16JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	07JUL2020	23	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1002 10021062	1/1-3 days	16JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	07JUL2020	23	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1002 10021063	1/1-3 days	16JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	07JUL2020	23	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1002 10021069	Screening	10JUN2020	-8	Alkaline Phosphatase (ukat/L)	0.58-1.73	2.23 H	1
				Unplanned	12JUN2020	-6	Alkaline Phosphatase (ukat/L)	0.58-1.73	2.42 H	1
				1/1-3 days	19JUN2020	2	Alkaline Phosphatase (ukat/L)	0.58-1.73	2.02 H	1
							Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	7	Alkaline Phosphatase (ukat/L)	0.58-1.73	2.27 H	1
							Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	21	Alkaline Phosphatase (ukat/L)	0.58-1.73	2.08 H	1
							Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	9	Alkaline Phosphatase (ukat/L)	0.58-1.73	1.98 H	1
							Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1002 10021074	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	7	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-10.36	8.21	1
				1/19-23 days	08JUL2020	21	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1002 10021075	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	7	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	21	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1002 10021077	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	7	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	21	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	9	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
Placebo	65-85	Placebo	C4591001 1001 10011042	Screening	04JUN2020	-7	Urea Nitrogen (mmol/L)	1.43-10.36	8.57	1
				1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-10.36	9.64	2
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-10.36	9.64	2
				1/19-23 days	30JUN2020	20	Urea Nitrogen (mmol/L)	1.43-10.36	8.93	1
			2/6-8 days	07JUL2020	8	Urea Nitrogen (mmol/L)	1.43-10.36	10.71 H	2	
			C4591001 1001 10011053	1/6-8 days	23JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	09JUL2020	24	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	7	Hys Law Criteria		NEG	
			C4591001 1001 10011057	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
	1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG				

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1001 10011064	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	25JUN2020	8	Hys Law Criteria		NEG	
				2/6-8 days	13JUL2020	7	Hys Law Criteria		NEG	
			C4591001 1002 10021042	1/1-3 days	10JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	16JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	30JUN2020	22	Hys Law Criteria		NEG	
				2/6-8 days	07JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1002 10021047	1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	30JUN2020	20	Hys Law Criteria		NEG	
				2/6-8 days	07JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1002 10021050	Screening	03JUN2020	-12	Alkaline Phosphatase (ukat/L)	0.58-1.73	2.02 H	1
				Unplanned	09JUN2020	-6	Alkaline Phosphatase (ukat/L)	0.58-1.73	2.07 H	1

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/1-3 days	16JUN2020	2	Alanine Aminotransferase (ukat/L)	0.07-0.72	0.80 H	1
							Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Alkaline Phosphatase (ukat/L)	0.58-1.73	1.95 H	1
							Hys Law Criteria		NEG	
				1/19-23 days	07JUL2020	23	Alkaline Phosphatase (ukat/L)	0.58-1.73	2.03 H	1
							Aspartate Aminotransferase (ukat/L)	0.13-0.67	0.87 H	1
							Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	9	Alkaline Phosphatase (ukat/L)	0.58-1.73	2.00 H	1
							Hys Law Criteria		NEG	
			C4591001 1002 10021072	Screening	11JUN2020	-7	Urea Nitrogen (mmol/L)	1.43-8.57	9.28 H	1
				1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	7	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	08JUL2020	21	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	8.93 H	1
				2/6-8 days	16JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1002 10021073	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	9	Hys Law Criteria		NEG	
BNT162b2	18-55	10 µg	C4591001 1003 10031018	1/1-3 days	10JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	16JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	30JUN2020	22	Hys Law Criteria		NEG	
				2/6-8 days	07JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031019	1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	02JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	09JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031020	1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	02JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	09JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031021	Screening	02JUN2020	-7	Bilirubin (umol/L)	3.4-20.5	35.90 H	2
				1/1-3 days	10JUN2020	2	Bilirubin (umol/L)	3.4-20.5	44.50 H	3
							Hys Law Criteria		NEG	
				1/6-8 days	16JUN2020	8	Bilirubin (umol/L)	3.4-20.5	29.10 H	1
							Hys Law Criteria		NEG	
				1/19-23 days	30JUN2020	22	Bilirubin (umol/L)	3.4-20.5	23.90 H	1
							Hys Law Criteria		NEG	
				2/6-8 days	07JUL2020	8	Bilirubin (umol/L)	3.4-20.5	29.10 H	1

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hys Law Criteria		NEG	
			C4591001 1003 10031022	1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	02JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	09JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031024	1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	18JUN2020	8	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	8.93 H	1
				1/19-23 days	02JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	09JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071014	1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	17JUN2020	7	Hys Law Criteria		NEG	
				1/19-23 days	01JUL2020	21	Hys Law Criteria		NEG	
				2/6-8 days	08JUL2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1007 10071015	1/1-3 days	10JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	15JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	29JUN2020	22	Hys Law Criteria		NEG	
				2/6-8 days	07JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1007 10071016	1/1-3 days	12JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	17JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	01JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	08JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071019	1/1-3 days	10JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	15JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	29JUN2020	22	Hys Law Criteria		NEG	
				2/6-8 days	06JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071021	1/1-3 days	12JUN2020	3	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	17JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	01JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	08JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071022	1/1-3 days	12JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	17JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	01JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	08JUL2020	8	Hys Law Criteria		NEG	
		20 µg	C4591001 1003 10031026	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031027	1/1-3 days	16JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	06JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	13JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031028	1/1-3 days	16JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	06JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	13JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031030	1/1-3 days	19JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1003 10031032	1/1-3 days	19JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031038	1/1-3 days	19JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	14JUL2020	7	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	8.21	1
			C4591001 1007 10071017	1/1-3 days	17JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	06JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	13JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071023	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1007 10071026	1/1-3 days	17JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	06JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	13JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071027	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071029	1/1-3 days	18JUN2020	2	Alanine Aminotransferase (ukat/L)	0.08-0.80	1.32 H	1
							Hys Law Criteria		NEG	
				1/6-8 days	23JUN2020	7	Alanine Aminotransferase (ukat/L)	0.08-0.80	0.93 H	1
							Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	08JUL2020	22	Alanine Aminotransferase (ukat/L)	0.08-0.80	0.95 H	1
							Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Alanine Aminotransferase (ukat/L)	0.08-0.80	0.97 H	1
							Hys Law Criteria		NEG	
			C4591001 1007 10071040	1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
		30 µg	C4591001 1003 10031057	1/1-3 days	25JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	01JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	15JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	23JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1003 10031059	1/1-3 days	25JUN2020	2	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	01JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	15JUL2020	22	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	8.21	1
				2/6-8 days	22JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031061	1/1-3 days	23JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	29JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	13JUL2020	22	Hys Law Criteria		NEG	
			C4591001 1003 10031065	1/1-3 days	25JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	01JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	15JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	22JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031066	1/1-3 days	23JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	29JUN2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	13JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	20JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031072	1/1-3 days	25JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	01JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	16JUL2020	23	Hys Law Criteria		NEG	
				2/6-8 days	23JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071046	1/1-3 days	24JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	29JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	15JUL2020	24	Bilirubin (umol/L)	3.4-20.5	25.70 H	1
							Hys Law Criteria		NEG	
				2/6-8 days	22JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071050	1/1-3 days	24JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	29JUN2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	13JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	4	Hys Law Criteria		NEG	
			C4591001 1007 10071058	Screening	15JUN2020	-9	Alanine Aminotransferase (ukat/L)	0.07-0.72	0.93 H	1
				Unplanned	18JUN2020	-6	Alanine Aminotransferase (ukat/L)	0.07-0.72	0.87 H	1
				1/1-3 days	25JUN2020	2	Alanine Aminotransferase (ukat/L)	0.07-0.72	0.87 H	1
							Hys Law Criteria		NEG	
				1/6-8 days	01JUL2020	8	Alanine Aminotransferase (ukat/L)	0.07-0.72	0.92 H	1
							Hys Law Criteria		NEG	
				1/19-23 days	15JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	22JUL2020	8	Alanine Aminotransferase (ukat/L)	0.07-0.72	0.83 H	1

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
							Hys Law Criteria		NEG	
			C4591001 1007 10071063	1/1-3 days	25JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	01JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	15JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	22JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071064	1/1-3 days	25JUN2020	2	Hys Law Criteria		NEG	
				1/19-23 days	15JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	22JUL2020	8	Alanine Aminotransferase (ukat/L)	0.08-0.80	0.90 H	1
							Hys Law Criteria		NEG	
			C4591001 1007 10071066	1/1-3 days	25JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	01JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	15JUL2020	22	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b	
Placebo	18-55	Placebo	C4591001 1003 10031016	2/6-8 days	22JUL2020	8	Aspartate Aminotransferase (ukat/L)	0.13-0.67	0.92 H	1	
							Hys Law Criteria		NEG		
				1/1-3 days	10JUN2020	2	Hys Law Criteria		NEG		
				1/6-8 days	16JUN2020	8	Hys Law Criteria		NEG		
				1/19-23 days	30JUN2020	22	Hys Law Criteria		NEG		
				2/6-8 days	07JUL2020	8	Hys Law Criteria		NEG		
				C4591001 1003 10031017	Screening	01JUN2020	-10	Urea Nitrogen (mmol/L)	1.43-8.57	9.28 H	1
				1/1-3 days	12JUN2020	2	Hys Law Criteria		NEG		
				1/6-8 days	18JUN2020	8	Creatinine (umol/L)	39.8-119.3	130.80 H	1	
							Hys Law Criteria		NEG		
			Urea Nitrogen (mmol/L)	1.43-8.57	10.00 H	2					
1/19-23 days	02JUL2020	22	Creatinine (umol/L)	39.8-119.3	129.10 H	1					
			Hys Law Criteria		NEG						
			Urea Nitrogen (mmol/L)	1.43-8.57	9.64 H	2					

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	09JUL2020	8	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	10.00 H	2
			C4591001 1003 10031029	1/1-3 days	16JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	06JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	13JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031034	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	25JUN2020	9	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031050	1/1-3 days	23JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	29JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	13JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	20JUL2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1003 10031070	Screening	18JUN2020	-6	Bilirubin (umol/L)	3.4-20.5	25.70 H	1
				Unplanned	19JUN2020	-5	Bilirubin (umol/L)	3.4-20.5	27.40 H	1
				1/1-3 days	25JUN2020	2	Bilirubin (umol/L)	3.4-20.5	29.10 H	1
							Hys Law Criteria		NEG	
				1/6-8 days	01JUL2020	8	Bilirubin (umol/L)	3.4-20.5	32.50 H	2
							Hys Law Criteria		NEG	
				1/19-23 days	15JUL2020	22	Bilirubin (umol/L)	3.4-20.5	27.40 H	1
							Hys Law Criteria		NEG	
				2/6-8 days	23JUL2020	9	Bilirubin (umol/L)	3.4-20.5	32.50 H	2
							Hys Law Criteria		NEG	
			C4591001 1007 10071020	1/1-3 days	12JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	17JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	01JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	08JUL2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
BNT162b2	65-85	10 µg	C4591001 1007 10071025	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071065	1/1-3 days	25JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	01JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	15JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	22JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031076	1/1-3 days	30JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	06JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	20JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	27JUL2020	8	Hys Law Criteria		NEG	
C4591001 1003 10031077	1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG				

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	07JUL2020	7	Hys Law Criteria		NEG	
				1/19-23 days	22JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	29JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031078	1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	08JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	22JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	29JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031079	1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	07JUL2020	7	Hys Law Criteria		NEG	
				1/19-23 days	22JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	29JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031080	1/1-3 days	30JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	05JUL2020	7	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	20JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	27JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031087	1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	09JUL2020	9	Hys Law Criteria		NEG	
				1/19-23 days	22JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	29JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071051	1/1-3 days	01JUL2020	3	Hys Law Criteria		NEG	
				1/6-8 days	06JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	20JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	27JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071057	1/1-3 days	01JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	08JUL2020	9	Hys Law Criteria		NEG	
				1/19-23 days	22JUL2020	23	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	29JUL2020	8	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-10.36	8.21	1
			C4591001 1007 10071071	Screening	22JUN2020	-7	Urea Nitrogen (mmol/L)	1.43-8.57	8.21	1
				1/1-3 days	30JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	06JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	20JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	27JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071073	1/1-3 days	01JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	08JUL2020	9	Hys Law Criteria		NEG	
				1/19-23 days	22JUL2020	23	Hys Law Criteria		NEG	
				2/6-8 days	29JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071074	1/1-3 days	01JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	08JUL2020	9	Hys Law Criteria		NEG	
				1/19-23 days	20JUL2020	21	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				2/6-8 days	27JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071077	1/1-3 days	01JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	08JUL2020	9	Hys Law Criteria		NEG	
				1/19-23 days	22JUL2020	23	Hys Law Criteria		NEG	
				2/6-8 days	29JUL2020	8	Hys Law Criteria		NEG	
		20 µg	C4591001 1003 10031031	1/1-3 days	16JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	23JUN2020	9	Hys Law Criteria		NEG	
				1/19-23 days	06JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	14JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1003 10031035	1/1-3 days	16JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	06JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	14JUL2020	9	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1003 10031053	1/1-3 days	19JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	23JUN2020	7	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	14JUL2020	7	Hys Law Criteria		NEG	
			C4591001 1003 10031054	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1003 10031055	1/1-3 days	19JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	23JUN2020	7	Hys Law Criteria		NEG	
				1/19-23 days	06JUL2020	20	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	10	Hys Law Criteria		NEG	
			C4591001 1003 10031063	1/1-3 days	19JUN2020	3	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	23JUN2020	7	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	8.93 H	1
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	9.28 H	1
			C4591001 1007 10071031	1/1-3 days	19JUN2020	3	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071032	1/1-3 days	17JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	06JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	13JUL2020	8	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	8.57	1
			C4591001 1007 10071035	1/6-8 days	23JUN2020	9	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	06JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	13JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071038	1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071039	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071052	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
		30 µg	C4591001 1003 10031037	1/1-3 days	18JUN2020	3	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	23JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	07JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	14JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031047	1/1-3 days	18JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	23JUN2020	8	Bilirubin (umol/L)	3.4-20.5	23.90 H	1
							Hys Law Criteria		NEG	
				1/19-23 days	07JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	14JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031051	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	7	Hys Law Criteria		NEG	
				1/19-23 days	09JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	7	Hys Law Criteria		NEG	
			C4591001 1003 10031058	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	25JUN2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	09JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	8	Aspartate Aminotransferase (ukat/L)	0.13-0.67	1.02 H	1
			C4591001 1003 10031069	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	25JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	09JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071034	1/1-3 days	17JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	06JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	13JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071037	1/1-3 days	17JUN2020	3	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	06JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	13JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071043	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	25JUN2020	8	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	9.64 H	2
				1/19-23 days	09JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	8	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	8.57	1
			C4591001 1007 10071044	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	25JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	09JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071045	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	25JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	09JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071049	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	10.71 H	2
				1/6-8 days	25JUN2020	8	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	10.71 H	2
				1/19-23 days	09JUL2020	22	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	8.21	1
				2/6-8 days	15JUL2020	7	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	9.28 H	1
			C4591001 1007 10071053	1/1-3 days	19JUN2020	2	Aspartate Aminotransferase (ukat/L)	0.13-0.67	0.80 H	1
							Hys Law Criteria		NEG	
				1/6-8 days	25JUN2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	09JUL2020	22	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	8.21	1
				2/6-8 days	16JUL2020	8	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	8.93 H	1
Placebo	65-85	Placebo	C4591001 1003 10031036	1/1-3 days	16JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	22JUN2020	8	Hys Law Criteria		NEG	
							Urea Nitrogen (mmol/L)	1.43-8.57	8.57	1
				1/19-23 days	06JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	13JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031043	1/1-3 days	18JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	23JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	07JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	14JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031046	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/6-8 days	25JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	09JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031056	1/1-3 days	19JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	25JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	09JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1003 10031067	1/1-3 days	19JUN2020	3	Hys Law Criteria		NEG	
				1/6-8 days	25JUN2020	9	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	16JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1003 10031083	1/1-3 days	02JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	07JUL2020	7	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	22JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	30JUL2020	9	Hys Law Criteria		NEG	
			C4591001 1007 10071042	1/1-3 days	18JUN2020	2	Hys Law Criteria		NEG	
				1/6-8 days	24JUN2020	8	Hys Law Criteria		NEG	
				1/19-23 days	08JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	15JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071056	1/1-3 days	01JUL2020	3	Hys Law Criteria		NEG	
				1/6-8 days	06JUL2020	8	Hys Law Criteria		NEG	
				1/19-23 days	20JUL2020	22	Hys Law Criteria		NEG	
				2/6-8 days	27JUL2020	8	Hys Law Criteria		NEG	
			C4591001 1007 10071075	Screening	22JUN2020	-8	Urea Nitrogen (mmol/L)	1.43-10.36	8.21	1
				1/1-3 days	01JUL2020	2	Hys Law Criteria		NEG	
				1/6-8 days	07JUL2020	8	Hys Law Criteria		NEG	

16.2.8.2.1 Listing of Laboratory Measurements – Chemistry – Phase 1, 2 Doses, 21 Days Apart

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/19-23 days	22JUL2020	23	Hys Law Criteria		NEG	
				2/6-8 days	29JUL2020	8	Hys Law Criteria		NEG	

Abbreviations: FDA = Food and Drug Administration; H = high; L = low.

a. Relative Day (Rel day) = date of laboratory result collection - date of last vaccination + 1. For laboratory results collected before the date of the first study vaccination, + 1 was not added to compute relative day.

b. Note: Laboratory reference grades are based on the FDA toxicity grading scale for healthy adult volunteers enrolled in preventive vaccine clinical trials.

PFIZER CONFIDENTIAL SDTM Creation: 28AUG2020 (16:32) Source Data: adlb Table Generation: 29AUG2020 (00:03)

(Cutoff Date: 24AUG2020, Snapshot Date: 28AUG2020) Output File: (CDISC)/C4591001_IA_P1/adlb_1004_chem_p1

16.2.8.2.1.1 Listing of Laboratory Measurements Before Dose 2 – Chemistry – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
BNT162b1	18-55	100 µg	C4591001 1001 10011026	1/1-3 days	19MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	26MAY2020	9	Hys Law Criteria		NEG	
				1/19-23 days	08JUN2020	22	Hys Law Criteria		NEG	
				1/25-31 days	15JUN2020	29	Hys Law Criteria		NEG	
			C4591001 1001 10011028	Screening	12MAY2020	-8	Urea Nitrogen (mmol/L)	1.43-8.57	8.57	1
			1/6-8 days	28MAY2020	9	Hys Law Criteria		NEG		
			1/19-23 days	10JUN2020	22	Hys Law Criteria		NEG		
			1/25-31 days	17JUN2020	29	Hys Law Criteria		NEG		
			C4591001 1001 10011030	1/1-3 days	21MAY2020	2	Hys Law Criteria		NEG	
			1/6-8 days	28MAY2020	9	Hys Law Criteria		NEG		
			1/19-23 days	10JUN2020	22	Hys Law Criteria		NEG		
			1/25-31 days	17JUN2020	29	Hys Law Criteria		NEG		

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16.2.8.2.1.1 Listing of Laboratory Measurements Before Dose 2 – Chemistry – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
			C4591001 1001 10011032	1/1-3 days	21MAY2020	2	Bilirubin (umol/L)	3.4-20.5	27.40 H	1
							Hys Law Criteria		NEG	
				1/6-8 days	28MAY2020	9	Hys Law Criteria		NEG	
				1/19-23 days	10JUN2020	22	Hys Law Criteria		NEG	
				1/25-31 days	17JUN2020	29	Hys Law Criteria		NEG	
			C4591001 1001 10011034	1/1-3 days	21MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	28MAY2020	9	Hys Law Criteria		NEG	
				1/19-23 days	10JUN2020	22	Hys Law Criteria		NEG	
				1/25-31 days	17JUN2020	29	Hys Law Criteria		NEG	
			C4591001 1002 10021023	1/1-3 days	19MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	26MAY2020	9	Hys Law Criteria		NEG	
				1/19-23 days	08JUN2020	22	Hys Law Criteria		NEG	

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16.2.8.2.1.1 Listing of Laboratory Measurements Before Dose 2 – Chemistry – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/25-31 days	16JUN2020	30	Hys Law Criteria		NEG	
			C4591001 1002 10021024	1/1-3 days	19MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	26MAY2020	9	Hys Law Criteria		NEG	
				1/19-23 days	10JUN2020	24	Hys Law Criteria		NEG	
				1/25-31 days	16JUN2020	30	Hys Law Criteria		NEG	
			C4591001 1002 10021027	1/1-3 days	19MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	26MAY2020	9	Hys Law Criteria		NEG	
				1/19-23 days	08JUN2020	22	Hys Law Criteria		NEG	
				1/25-31 days	16JUN2020	30	Hys Law Criteria		NEG	
			C4591001 1002 10021034	1/1-3 days	22MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	28MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	09JUN2020	20	Hys Law Criteria		NEG	

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16.2.8.2.1.1 Listing of Laboratory Measurements Before Dose 2 – Chemistry – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/25-31 days	16JUN2020	27	Hys Law Criteria		NEG	
			C4591001 1002 10021035	1/1-3 days	22MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	28MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	09JUN2020	20	Hys Law Criteria		NEG	
				1/25-31 days	16JUN2020	27	Hys Law Criteria		NEG	
			C4591001 1002 10021036	1/1-3 days	22MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	28MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	11JUN2020	22	Hys Law Criteria		NEG	
				1/25-31 days	17JUN2020	28	Hys Law Criteria		NEG	
			C4591001 1002 10021038	1/1-3 days	22MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	28MAY2020	8	Hys Law Criteria		NEG	
				1/19-23 days	09JUN2020	20	Hys Law Criteria		NEG	

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16.2.8.2.1.1 Listing of Laboratory Measurements Before Dose 2 – Chemistry – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
Placebo	18-55	Placebo	C4591001 1001 10011013	1/25-31 days	16JUN2020	27	Hys Law Criteria		NEG	
				1/1-3 days	19MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	26MAY2020	9	Hys Law Criteria		NEG	
				1/19-23 days	08JUN2020	22	Hys Law Criteria		NEG	
			C4591001 1001 10011021	1/25-31 days	16JUN2020	30	Hys Law Criteria		NEG	
				1/1-3 days	21MAY2020	2	Hys Law Criteria		NEG	
				1/6-8 days	28MAY2020	9	Hys Law Criteria		NEG	
				1/19-23 days	10JUN2020	22	Hys Law Criteria		NEG	
				1/25-31 days	17JUN2020	29	Hys Law Criteria		NEG	
				C4591001 1002 10021041	1/1-3 days	22MAY2020	2	Hys Law Criteria		NEG
1/6-8 days	28MAY2020	8	Hys Law Criteria			NEG				
1/19-23 days	09JUN2020	20	Hys Law Criteria			NEG				

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16.2.8.2.1.1 Listing of Laboratory Measurements Before Dose 2 – Chemistry – Phase 1 – BNT162b1 (100 µg)

Vaccine Candidate	Age Group (Years)	Vaccine Group (as Administered)	Subject	Dose/Visit Window	Collection Date	Rel Day ^a	Laboratory Test (Unit)	Reference Range	Result	FDA Toxicity Grade ^b
				1/25-31 days	16JUN2020	27	Hys Law Criteria		NEG	

Abbreviations: FDA = Food and Drug Administration; H = high; L = low.

a. Relative Day (Rel day) = date of laboratory result collection - date of last vaccination + 1. For laboratory results collected before the date of the first study vaccination, + 1 was not added to compute relative day.

b. Note: Laboratory reference grades are based on the FDA toxicity grading scale for healthy adult volunteers enrolled in preventive vaccine clinical trials.

PFIZER CONFIDENTIAL SDTM Creation: 28AUG2020 (16:32) Source Data: adlb Table Generation: 18SEP2020 (19:41)

(Cutoff Date: 24AUG2020, Snapshot Date: 28AUG2020) Output File: ./nda3/C4591001_IA_P1_100/adlb_1004_chem_100_p1

16.2.8.3.1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and Severe COVID-19 Signs, Symptoms, and Events – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs, Symptoms, and Events	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)	
C4591001 1047 10471252 (USA/63/M)	Dose 1/26	16OCT2020		Neg/Neg/Unk	SpO ₂ ≤93% on room air at sea level	Pos	
	Dose 1/26	16OCT2020			High-flow oxygen therapy		
C4591001 1116 11161253 (USA/61/M)	Dose 1/11	28SEP2020		Neg/Neg/Pos	HR ≥125 beats/minute	Pos	
C4591001 1156 11561044 (USA/63/M)	Dose 1/8	03SEP2020		Neg/Neg/Neg	Significant acute renal dysfunction	Pos	
	Dose 1/8	03SEP2020	09SEP2020		Significant acute hepatic dysfunction		
	Dose 1/10	05SEP2020			SpO ₂ ≤93% on room air at sea level		
	Dose 1/10	05SEP2020	09SEP2020		High-flow oxygen therapy		
	Dose 1/10	05SEP2020	19SEP2020		Admission to an ICU		
	Dose 1/19	14SEP2020			SpO ₂ ≤93% on room air at sea level		
	Dose 1/34	29SEP2020			SpO ₂ ≤93% on room air at sea level		
	Dose 1/36	01OCT2020			SpO ₂ ≤93% on room air at sea level		
	C4591001 1231 12313090 (ARG/57/M)	Dose 1/21	11SEP2020		Neg/Neg/Neg	SpO ₂ ≤93% on room air at sea level	Pos
	C4591001 1231 12313422 (ARG/34/M)	Dose 2/48	01NOV2020		Unk/Neg/Neg	Non-invasive positive pressure ventilation	Pos
C4591001 1235 12351071 (USA/50/M)	Dose 1/9	22SEP2020	26SEP2020	Neg/Neg/Unk	Admission to an ICU	Pos	

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16.2.8.3.1 Listing of Subjects With Postvaccination SARS-CoV-2 NAAT-Positive Nasal Swab and Severe COVID-19 Signs, Symptoms, and Events – Dose 1 All-Available Efficacy Population – Interim Analysis 1

Subject (Country/Age in Years/Sex)	Dose/Rel Day ^a	Start Date	Stop Date	Visit 1 N-binding Assay/ Visit 1 NAAT/ Visit 2 NAAT	Signs, Symptoms, and Events	SARS-CoV-2 NAAT Result (Central Lab/Local Lab ^b)
C4591001 4444 44442304 (ARG/49/M)	Dose 1/11	24SEP2020			SpO ₂ ≤ 93% on room air at sea level	
	Dose 2/13	27OCT2020		Neg/Neg/Neg	HR ≥ 125 beats/minute	Pos

Abbreviations: ARG = Argentina; HR = heart rate; ICU = intensive care unit; NAAT = nucleic acid amplification test; N-binding = SARS-CoV-2 nucleoprotein-binding; Neg = Negative; Pos = Positive; SARS-CoV-2 = severe acute respiratory syndrome coronavirus; SpO₂ = oxygen saturation as measured by pulse oximetry; Unk = Unknown.

Note: Data from subjects who are not confirmed 7 days post dose 2 cases are included in the analysis to comprehensively show all data reported and/or contribute to the total surveillance time calculation but may be subject to change with additional follow-up.

a. Relative Day (Rel Day) = date of first symptom - date of last dose before first symptom + 1.

PFIZER CONFIDENTIAL SDTM Creation: 06NOV2020 (13:25) Source Data: adsympt Table Generation: 01DEC2020 (01:48)
(Cutoff Date: 04Nov2020, Snapshot Date: 04Nov2020) Output
File: ./nda2_unblinded_ia/C4591001_IA_62_Renumbered/adsympt_1001_sev_sympt_d1_aai