

ID	Spike S1 variant	$K_{on}$ ( $M^{-1}s^{-1}$ )	$K_{off}$ ( $s^{-1}$ )	$K_D$ (M)
S1-1	WT (Wuhan 2019)	4.14E+05	2.98E-05	7.20E-11
	20I/501Y.V1	2.71E+05	1.21E-05	4.44E-11
	20H/501Y.V2	2.78E+05	1.25E-05	4.51E-11
S1-6	WT (Wuhan 2019)	1.02E+06	5.75E-04	5.65E-10
	20I/501Y.V1	3.55E+06	6.27E-04	1.77E-10
	20H/501Y.V2	1.03E+06	3.29E-04	3.20E-10
S1-23	WT (Wuhan 2019)	2.82E+06	4.91E-05	1.74E-11
	20I/501Y.V1	5.96E+06	1.36E-03	2.29E-10
	20H/501Y.V2	NA	NA	NA
S1-RBD-9	WT (Wuhan 2019)	2.85E+05	1.23E-04	4.30E-10
	20I/501Y.V1	4.84E+04	3.88E-05	8.01E-10
	20H/501Y.V2	1.34E+05	9.55E-05	7.13E-10
S1-RBD-11	WT (Wuhan 2019)	2.22E+07	2.94E-04	1.32E-11
	20I/501Y.V1	3.84E+06	2.87E-04	7.46E-11
	20H/501Y.V2	6.85E+06	1.10E-03	1.61E-10
S1-RBD-15	WT (Wuhan 2019)	5.37E+06	1.50E-04	2.79E-11
	20I/501Y.V1	2.99E+06	1.26E-04	4.22E-11
	20H/501Y.V2	4.02E+06	2.22E-04	5.53E-11
S1-RBD-35	WT (Wuhan 2019)	8.01E+05	1.68E-04	2.10E-10
	20I/501Y.V1	1.33E+07	2.40E-03	1.80E-10
	20H/501Y.V2	5.94E+06	2.65E-03	4.46E-10

NA - No activity