

Supplementary Table S4. Neutralization Data Against SARS-CoV-2 and Variants for Healthy Vaccinated Individuals

ID	WT SARS-CoV-2			V1= (RBD, NS01Y) Alpha			V2 = (RBD, E484K, K417N, NS01Y) Beta			V3 = (RBD, E484K, K417T, NS01Y) Gamma			V4 = (RBD, L452R) Epsilon			V5= (RBD, E484Q, L452R) India			V6= (RBD, L452R, T478K) Delta		
	Baseline	First Vaccine Dose	Second Vaccine Dose	Baseline	First Vaccine Dose	Second Vaccine Dose	Baseline	First Vaccine Dose	Second Vaccine Dose	Baseline	First Vaccine Dose	Second Vaccine Dose	Baseline	First Vaccine Dose	Second Vaccine Dose	Baseline	First Vaccine Dose	Second Vaccine Dose	Baseline	First Vaccine Dose	Second Vaccine Dose
479	10	46	97	0	25	97	0	0	87	7	31	89	0	33	98	0	42	97	0	43	97
112	19	96	98	0	79	98	0	72	96	0	68	97	0	87	98	0	83	97	0	91	97
2	10	46	98	3	21	95	0	23	90	5	43	90	0	29	97	0	26	95	0	28	96
3	19	49	98	2	37	94	0	14	86	0	22	83	0	50	96	0	25	96	0	45	97
243	22	76	97	0	46	96	0	27	89	6	32	90	2	42	97	0	36	96	0	56	97
258	20	50	97	0	32	94	0	23	73	0	18	81	0	20	94	0	24	93	0	37	95
119	21	29	97	0	5	86	0	0	61	0	3	63	0	8	93	0	1	91	0	17	94
190	23	28	97	0	3	96	0	0	88	4	0	86	0	0	94	0	7	94	0	4	96
453	12	76	97	1	64	93	0	35	83	0	29	84	0	65	94	0	66	94	0	78	96
6	15	65	98	5	67	96	1	45	88	1	31	78	0	36	91	0	41	91	0	58	94
383	4	71	98	2	59	96	0	44	90	4	51	91	0	44	97	0	58	96	0	63	97
450	4	70	95	0	57	84	1	37	75	0	39	72	8	40	84	0	38	82	0	53	89
110	18	44	97	4	36	92	0	29	89	2	15	88	0	27	92	0	28	92	0	38	94
480	4	70	95	0	25	95	11	22	82	0	25	81	0	18	95	2	27	94	0	36	96
10	24	61	97	0	40	96	0	19	89	0	16	85	1	33	96	0	27	96	0	37	97
116	0	66	97	0	46	97	0	39	89	0	37	89	0	46	97	5	40	96	0	50	97
380	25	61	97	0	30	94	0	49	88	3	43	84	0	50	95	1	39	95	0	49	96
8	28	70	97	2	46	92	0	44	87	0	39	85	6	37	95	0	28	95	0	46	96
117	22	55	97	0	21	89	0	31	86	0	18	78	0	36	95	0	45	95	6	41	96
254	18	57	98	2	30	96	0	28	90	0	32	89	13	45	98	0	37	97	0	47	97
513	17	79	97	5	65	98	0	64	97	2	42	97	17	69	98	1	69	98	0	73	98

POS ≥30% signal inhibition

V1= (RBD, NS01Y, Avi & His Tag)-HRP	U1100GG280-1:Catalog No: Z03595-100; Name: SARS-CoV-2 Spike protein (RBD, NS01Y, Avi & His tag)-HRP; Qty: 1; Size: 100ul
V2 = (RBD, E484K, K417N, NS01Y, Avi & His tag)-HRP	U1100GG280-2:Catalog No: Z03596-100; Name: SARS-CoV-2 Spike protein (RBD, E484K, K417N, NS01Y, Avi & His tag)-HRP; Qty: 1; Size: 100ul
V3 = (RBD, E484K, K417T, NS01Y, Avi & His Tag)-HRP	U1100GG280-3:Catalog No: Z03601-100; Name: SARS-CoV-2 Spike protein (RBD, E484K, K417T, NS01Y, Avi & His Tag)-HRP; Qty: 1; Size: 100ul
V4 = (RBD, L452R, Avi & His Tag)-HRP	U1100GG280-4:Catalog No: Z03605-100; Name: SARS-CoV-2 Spike protein (RBD, L452R, Avi & His Tag)-HRP; Qty: 1; Size: 100ul
V5 = (RBD, E484Q, L452R, Avi & His Tag)-HRP	U1100GG280-5:Catalog No: Z03608-100; Name: SARS-CoV-2 Spike protein (RBD, E484Q, L452R, Avi & His Tag)-HRP; Qty: 1; Size: 100ul
V6 = (RBD, L452R, T478K, Avi & His Tag)-HRP	U1100GG280-6:Catalog No: Z03614-100; Name: SARS-CoV-2 Spike protein (RBD, L452R, T478K, Avi & His Tag)-HRP; Qty: 1; Size: 100ul