

Suppl. Table S3. Testing of sera with broad-anti-S, narrow anti-S or undetectable levels of anti-S antibodies with an receptor binding inhibition assay (sVNT)

Broad anti-S	Patient No.	Age	DPSO	0-100 days sVNT	DPSO	101-200 days sVNT	DPSO	201-300 days sVNT
mild	1	43	80	91.8	149	83.4	262	79.7
	4	45	85	94.3	144	96.3	253	97.5
	5	44	19	92.3	125	81.0		
			34	91.3				
	6	79	25	68.7				
			41	70.3				
			91	79.3				
	7	63	38	91.1	143	82.8	236	83.6
	14	27	83	74.1	124	70.5	271	71.2
	15	39	78	ND	119	ND	303	ND
	16	73	50	31.9	125	21.8	260	ND
	18	51	61	88.3	110	92.1	229	86.1
	19	57	69	98.6	144	98.2	237	96.3
	20	21	71	73.1	169	66.2	231	58.7
	21	82	69	93.1	144	90.3	237	84.7
	22	27	61	44.9	152	56.0	257	55.5
	23	77	56	76.3	154	55.8	217	50.9
	26	78	73	96.8	138	96.4	247	90.4
	27	20	45	57.1	117	50.0	226	52.0
	29	58	48	87.5	111	77.9	202	66.0
	30	82	80	48.3	106	36.6		
					155	35.6		
					185	24.6		
	37	67	42	97.4	134	96.5	238	97.4
	44	33	63	95.1	160	84.4	238	83.7
	47	33	85	81.8	126	77.7	218	77.5
	48	35	61	95.7	152	87.7		
			89	95.3	188	88.5		
	49	76	83	74.5	111	89.1		
					174	98.7		
	50	61			152	88.5	228	87.0
	51	75			139	74.6	247	74.4
	52	87			151	98.7	243	98.1
	53	71			145	87.7	233	70.8
	54	42	42	98.0			252	95.8
	56	84	87	91.8	156	88.5		
	57	56			161	89.1	245	88.4
	58	72	49	97.1	110	98.7		
	59	61	93	96.8	170	88.5		
	60	55	90	95.6				
	61	72	16	90.8				
			22	93.5				
	62	57	22	94.5				
			27	95.3				
				Median 91.55 IQR (95.3-74.2)		Median 86.05 IQR (90.75-63.65)		Median 81.65 IQR (89.90-60.53)
Restricted-anti-S								
mild	8	58	44	65.3			213	37.3
			86	52.4				
	9	49	57	ND	114	ND	273	ND
	10	58	66	ND	130	ND	270	ND
	13	73	81	61.6	117	50.7	259	43.9
	17	53	59	63.2	150	65.6	240	57.2
	24	79	73	64.5	117	57.3		
					178	43.6		
	31	31	83	34.9	124	26.9	216	ND
	36	67	43	98.8	129	96.2	231	83.9
	38	59	56	86.2	133	76.3	253	60.3
	43	62	80	52.5	114	47.9	261	32.0
	45	76	74	44.3	172	33.4	235	39.5
	46	40	67	30.6	159	21.1	256	26.7
	55	36	39	96.10			215	88.7
				Median 57.05 IQR (70.53-33.83)		Median 45.75 IQR (63.53-22.55)		Median 38.40 IQR (59.53-6.68)
Anti-S Not Detected								
mild	2	37	69	40.5	140	27.9	259	22.3
	3	51	81	44.2	147	24.1	247	ND
	11	62	64	ND	118	ND	273	ND
	12	43	80	25.7	111	23.9	265	29.8
	25	71	74	30.3	165	20.6	235	ND
	28	50	59	33.9			218	ND
			92	24.2				
	32	45	97	ND	125	22.7		
					188	27.2		
	33	67			117	82.6	309	95.2
	34	64	30	76.9	126	ND		
	35	40	70	36.6	115	37.1	242	33.3
	39	21	63	28.2	118	25	300	36.3
	40	34	65	21.8	119	20	274	ND
	41	47	60	44.3	139	50.4	269	47
	42	35	44	ND	101	ND	236	ND
	63	46	21	ND				
			23	ND				
			29	ND				
				Median 28.2 IQR (40.5-28.2)		Median 24 IQR (30.2-15)		Median 11.15 IQR (35.55-0)

ND: Not detected; calculated as inhibition 0%