

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
mild	4	45	85	94.3	144	96.3	253	97.5
mild	5	44	19	92.3	125	81.0		
			34	91.3				
mild	6	79	25	68.7				
			41	70.3				
			91	79.3				
mild	7	63	38	91.1	143	82.8	236	83.6
mild	14	27	83	74.1	124	70.5	271	71.2
mild	15	39	78	ND	119	ND	303	ND
mild	16	73	50	31.9	125	21.8	260	ND
mild	18	51	61	88.3	110	92.1	229	86.1
mild	19	57	69	98.6	144	98.2	237	96.3
mild	20	21	71	73.1	169	66.2	231	58.7
mild	21	82	69	93.1	144	90.3	237	84.7
mild	22	27	61	44.9	152	56.0	257	55.5
mild	23	77	56	76.3	154	55.8	217	50.9
mild	26	78	73	96.8	138	96.4	247	90.4
mild	27	20	45	57.1	117	50.0	226	52.0
mild	29	58	48	87.5	111	77.9	202	66.0
mild	30	82	80	48.3	106	36.6		
					155	35.6		
					185	24.6		
moderate	37	67	42	97.4	134	96.5	238	97.4
moderate	44	33	63	95.1	160	84.4	238	83.7
moderate	47	33	85	81.8	126	77.7	218	77.5
moderate	48	35	61	95.7	152	87.7		
			89	95.3	188	88.5		
moderate	49	76	83	74.5	111	89.1		
					174	98.7		
severe	50	61			152	88.5	228	87.0
severe	51	75			139	74.6	247	74.4
severe	52	87			151	98.7	243	98.1
severe	53	71			145	87.7	233	70.8
severe	54	42	42	98.0			252	95.8
severe	56	84	87	91.8	156	88.5		
severe-critical	57	56			161	89.1	245	88.4
severe-critical	58	72	49	97.1	110	98.7		
severe-critical	59	61	93	96.8	170	88.5		
severe-critical	60	55	90	95.6				
severe-critical	61	72	16	90.8				
			22	93.5				
severe-critical	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				
mild	9	49	57	ND	114	ND	273	ND
mild	10	58	66	ND	130	ND	270	ND
mild	13	73	81	61.6	117	50.7	259	43.9
mild	17	53	59	63.2	150	65.6	240	57.2
mild	24	79	73	64.5	117	57.3		
					178	43.6		
mild	31	31	83	34.9	124	26.9	216	ND
moderate	36	67	43	98.8	129	96.2	231	83.9
moderate	38	59	56	86.2	133	76.3	253	60.3
moderate	43	62	80	52.5	114	47.9	261	32.0
moderate	45	76	74	44.3	172	33.4	235	39.5
moderate	46	40	67	30.6	159	21.1	256	26.7
severe	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
mild	3	51	81	44.2	147	24.1	247	ND
mild	11	62	64	ND	118	ND	273	ND
mild	12	43	80	25.7	111	23.9	265	29.8
mild	25	71	74	30.3	165	20.6	235	ND
mild	28	50	59	33.9			218	ND
			92	24.2				
mild	32	45	97	ND	125	22.7		
					188	27.2		
moderate	33	67			117	82.6	309	95.2
moderate	34	64	30	76.9	126	ND		
moderate	35	40	70	36.6	115	37.1	242	33.3
moderate	39	21	63	28.2	118	25	300	36.3
moderate	40	34	65	21.8	119	20	274	ND
moderate	41	47	60	44.3	139	50.4	269	47
moderate	42	35	44	ND	101	ND	236	ND
severe-critical	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%