Supplementary Table S1. Dot blot assay for the N-protein, and the spike protein domains RBD, S1 and S2.

					0-100 days						101-200 days						201-300 days			
Disease Severity	Patient No.	Gender	Age	DPSO	Dot Blot Assay (Integrated Density)				Patient No.	DPSO	Dot Blot Assay (Integrated Density)				Patient No.	DPSO	Dot Blot Assay (Integrated Density)			
					RBD	S1	S2	N			RBD	S1	S2	N			RBD	S1	S2	N
mild	1	1	43	80	42.6	36.6	104.3	360.8	1	149	129.7	91.8	87.5	257.7	1	262	67.4	44.6	81.0	122.2
mild	2	1	37	69	0.0	0.0	0.0	0.0	2	140	0.0	0.0	0.0	0.0	2	259	0.0	0.0	0.0	0.0
mild	3	1	51	81	0.0	0.0	0.0	0.0	3	147	0.0	0.0	0.0	0.0	3	247	0.0	0.0	0.0	0.0
mild	4	2	45	85	194.1	72.5	262.9	446.1	4	144	229.5	171.6	331.9	169.1	4	253	265.1	172.4	267.6	79.7
mild	5	1	44	19	191.3	0.0	89.0	406.7	5	125	135.7	70.2	0.0	289.9						
mild				34	152.8	70.4	32.6	517.6												
mild	6	1	79	25	107.0	0.0	50.6	677.5												
				41	240.2	15.0	46.8	666.5												
				91	120.4	43.8	162.0	772.3												
mild	7	2	63	38	76.6	91.8	537.0	506.9	7	143	29.9	10.5	308.0	208.4	7	236	0.0	0.0	122.0	114.5
mild	8	2	58	44	62.2	0.0	69.5	147.7							8	213	12.9	0.0	136.1	39.4
				86	55.9	0.0	61.1	141.4												
mild	9	2	49	57	0.0	0.0	64.3	39.3	9	114	0.0	0.0	57.0	32.8	9	273	0.0	0.0	41.1	3.1
mild	10	2	58	66	27.4	0.0	5.9	0.0	10	130	22.8	0.0	0.0	0.0	10	270	16.8	0.0	0.0	0.0
mild	11	2	62	64	0.0	0.0	0.0	0.0	11	118	0.0	0.0	0.0	0.0	11	273	0.0	0.0	0.0	0.0
mild	12	2	43	80	0.0	0.0	0.0	0.0	12	111	0.0	0.0	0.0	0.0	12	265	0.0	0.0	0.0	0.0
mild	13	2	73	81	26.0	0.0	92.8	282.1	13	117	12.3	0.0	73.0	166.4	13	259	19.2	0.0	115.9	9.3
mild	14	2	27	83	57.7	14.5	132.4	583.6	14	124	74.7	75.0	287.1	502.4	14	271	51.2	54.0	183.5	154.3
mild	15	2	39	78	37.3	53.9	128.8	60.9	15	119	21.1	14.7	124.5	39.8	15	303	12.6	9.1	38.0	4.0
mild	16	2	73	50	53.0	20.6	85.4	307.6	16	125	91.4	81.2	98.6	172.2	16	260	66.3	31.0	71.6	52.0
mild	17	2	53	59	0.0	20.0	0.0	127.2	17	150	0.0	4.7	0.0	54.2	17	240	0.0	0.0	0.0	84.6
mild	18	1	51	61	114.6	44.8	283.8	441.2	18	110	86.0	49.6	228.5	330.7	18	229	79.9	54.6	254.9	205.3
mild	19	2	57	69	229.8	78.3	259.1	559.0	19	144	262.6	130.8	135.2	380.6	19	237	166.2	121.6	131.9	234.1
mild	20	2	21	71	109.5	56.0	60.3	212.0	20	169	86.2	40.3	46.7	186.5	20	231	86.1	40.2	39.2	90.9
mild	21	2	82	69	85.5	48.6	267.4	578.5	21	144	95.9	49.7	234.6	472.9	21	237	128.3	83.2	355.1	466.0
mild	22	1	27	61	21.9	26.9	145.8	52.3	22	152	42.1	31.3	128.3	44.3	22	257	67.6	54.3	158.1	58.3
mild	23	1	77	56	101.7	62.7	95.9	694.0	23	154	73.9	24.5	57.5	628.2	23	217	37.6	14.4	24.8	387.8
mild	24	1	79	73	0.0	0.0	262.1	413.7	24	117	0.0	0.0	215.4	199.5						
									24	178	0.0	0.0	181.8	75.1						
mild	25	1	71	74	0.0	0.0	0.0	109.2	25	165	0.0	0.0	0.0	42.7	25	235	0.0	0.0	0.0	68.0
mild	26	1	78	73	40.2	90.3	197.5	458.9	26	138	238.5	169.2	138.4	327.6	26	247	254.7	59.3	96.2	181.0
mild	27	2	20	45	73.5	6.2	23.6	327.8	27	117	67.2	21.0	103.3	206.5	27	226	108.7	40.6	192.9	155.7
mild	28	1	50	59	0.0	0.0	0.0	0.0							28	218	0.0	0.0	0.0	0.0
				92	0.0	0.0	0.0	0.0												
mild	29	2	58	48	227.3	109.1	212.3	446.1	29	111	215.6	98.4	195.7	169.5	29	202	117.4	87.8	179.9	88.9
mild	30	1	82	80	74.2	35.4	125.8	404.4	30	106	38.3	30.3	106.7	351.0						
									30	155	107.0	59.0	164.8	343.8						
									30	185	44.6	29.8	62.7	185.7						
mild	31	2	31	83	0.0	0.0	121.4	0.0	31	124	0.0	8.7	132.1	0.0	31	216	0.0	0.0	94.0	0.0
mild	32	2	45	97	0.0	0.0	0.0	0.0	32	125	0.0	0.0	0.0	0.0						
										188	0.0	0.0	0.0	0.0						
moderate	33	2	67						33	117	0.0	0.0	0.0	0.0	33	309	0.0	0.0	0.0	0.0
moderate	34	1	64	30	0.0	0.0	0.0	0.0	34	126	0.0	0.0	0.0	0.0						
moderate	35	1	40	70	0.0	0.0	0.0	0.0	35	115	0.0	0.0	0.0	0.0	35	242	0.0	0.0	0.0	0.0
moderate	36	1	67	43	81.9	15.5	114.5	354.7	36	129	25.8	0.0	29.4	162.8	36	231	72.6	0.0	65.2	134.4
moderate	37	2	67	42	58.6	32.1	76.1	390.2	37	134	120.2	48.4	86.4	496.3	37	238	121.0	27.3	60.8	266.4
moderate	38	1	59	56	0.0	0.0	67.4	236.1	38	133	0.0	0.0	32.0	108.5	38	253	0.0	0.0	43.9	101.9
moderate	39	2	21	63	0.0	0.0	0.0	0.0	39	118	0.0	0.0	0.0	0.0	39	300	0.0	0.0	0.0	0.0
moderate	40	2	34	65	0.0	0.0	0.0	0.0	40	119	0.0	0.0	0.0	0.0	40	274	0.0	0.0	0.0	0.0
moderate	41	2	47	60	0.0	0.0	0.0	0.0	41	139	0.0	0.0	0.0	0.0	41	269	0.0	0.0	0.0	0.0
moderate	42	1	35	44	0.0	0.0	0.0	0.0	42	101	0.0	0.0	0.0	0.0	42	236	0.0	0.0	0.0	0.0
moderate	43	1	62	80	0.0	0.0	15.8	710.9	43	114	19.2	0.0	28.4	687.9	43	261	19.2	0.0	5.9	416.1
moderate	44	2	33	63	80.2	9.2	536.5	646.2	44	160	40.5	13.6	338.5	255.0	44	238	67.2	23.4	290.8	74.4
moderate	45	2	76	74	0.0	0.0	141.9	102.2	45	172	0.0	0.0	195.7	31.6	45	235	0.0	0.0	279.7	19.2
moderate	46	1	40	67	79.4	0.0	147.0	379.7	46	159	49.0	0.0	125.9	331.6	46	256	52.9	0.0	113.4	207.1
moderate	47	1	33	85	200.9	89.4	268.5	739.4	47	126	163.1	88.2	331.7	845.4	47	218	126.1	83.0	371.6	462.6
moderate	48	2	35	61	280.3	142.3	249.6	721.9	48	152	381.4	229.5	135.4	702.3						
				89	408.7	188.2	363.3	712.4	48	188	384.2	199.7	346.7	675.7						
moderate	49	2	76	83	101.6	61.1	107.9	630.5	49	111	47.7	20.8	11.0	533.2						
										174	97.9	20.1	0.0	366.2						
severe	50	1	61						50	152	45.5	89.6	234.9	598.1	50	228	141.7	87.0	252.5	527.2
severe	51	1	75						51	139	109.6	74.6	179.2	735.5	51	247	78.9	74.4	163.3	414.1
severe	52	1	87						52	151	263.5	98.7	265.4	457.1	52	243	258.6	98.1	216.0	281.8
severe	53	1	71						53	145	95.0	87.7	117.6	732.5	53	233	53.5	70.8	130.2	676.6
severe	54	1	42	42	362.3	98.0	246.9	761.7							54	252	291.4	95.8	324.6	285.9
severe	55	2	36	39	24.4	0.0	80.8	139.6							55	215	27.3	88.7	195.6	0.0
severe	56	2	84	87	302.4	91.8	240.7	614.7	56	156	184.0	88.5	251.0	415.4						
severe-critical	57	2	56						57	161	113.2	89.1	197.8	66.9	57	245	90.2	88.4	131.1	170.7
severe-critical	58	1	72	49	60.0	97.1	173.9	221.9	58	110	279.0	98.7	241.5	417.2						
severe-critical	59	2	61	93	332.9	96.8	91.9	613.8	59	170	189.3	88.5	78.5	446.3						
severe-critical	60	1	55	90	315.7	95.6	428.9	508.5												
severe-critical	61	1	72	16	76.7	90.8	187.5	828.5												
				22	118.4	93.5	169.8	744.1												
severe-critical	62	2	57	22	32.3	94.5	467.0	540.3												
				27	6.5	95.3	450.5	614.8												
severe-critical	63	1	46	21	0.0	0.0	0.0	0.0												
				23	0.0	0.0	0.0	0.0												
				29	0.0	0.0	0.0	0.0												

Patients showing immunoreactivity against the four antigens, N, S1, RBD and S2 are highlighted in **blue**; sera with no reactivity against the four antigens are highlighted in **green**, sera with resticted antibody profiles in **black**.

DPSO: Days Post-Symptoms Onset