

Table S1. IC₅₀ (Figure 1B) of Convalescent, BNT162b2 and mRNA-1273 elicited antibodies against viruses with variant spike proteins. Age, Sex and Comorbidities are shown.

Convalescent				
IC ₅₀ (serum dilution)				
donor	D614G	Beta	Delta	Omicron
1	311	64	134	ND
2	239	47	156	16
3	151	50	40	ND
4	145	2	101	21
5	61	36	97	ND
6	249	130	111	ND
7	409	119	156	ND
8	243	43	53	39
9	217	6	46	5
10	310	151	122	ND
Mean (SD)	233 (94)	65 (49)	102 (41)	9 (36)

BNT162b2								
donor	Days post 2 nd dose	Age	Sex	Comorbidities	IC ₅₀ (serum dilution)			
					D614G	Beta	Delta	Omicron
1	84	39	F	None	910	112	211	22
2	52	23	F	None	1573	141	398	11
3	101	26	F	Asthma	1748	463	266	118
4	109	33	F	None	1010	300	642	18
5	60	35	F	Hypothyroidism, Psoriasis	330	94	421	35
6	81	42	F	Asthma	452	65	247	ND
7	108	26	F	None	674	195	124	5
8	107	24	M	None	548	86	274	11
9	110	35	M	None	490	96	338	ND
Mean (SD)	90 (22)	31 (7)			859 (476)	172 (123)	325 (142)	25 (36)

mRNA-1273

mRNA-1273								
donor	Days post 2 nd dose	Age	Sex	Comorbidities	IC ₅₀ (serum dilution)			
					D614G	Beta	Delta	Omicron
1	89	26	M	None	1530	208	273	94
2	92	53	M	None	1206	59	567	ND
3	61	67	M	Prediabetes	1059	110	246	34
4	93	33	F	None	757	147	541	ND
5	44	32	M	None	716	137	259	93
6	100	29	F	None	1124	489	239	ND
7	52	33	F	None	1074	49	336	42
8	105	55	F	Asthma	523	100	123	45
Mean (SD)	80 (24)	41			999 (299)	162 (132)	323 (145)	38 (36)