

Table S2. 3Flex intra-assay reproducibility testing of 1 negative and 3 positive (STRONG, INTERMEDIATE, WEAK) patient samples in 5 replicates vs. ARCHITECT™ SARS-CoV-2 IgG.

Sample	S MFIs	RBD MFIs	NP MFIs	3Flex Interpretation	Architect Value	Architect Interpretation
STRONG – Replicate 1	24837	10528	33593	POS		
STRONG – Replicate 2	23593	9825	32798	POS		
STRONG – Replicate 3	26243	10912	35643	POS	7.81	POS
STRONG – Replicate 4	24192	9935	32625	POS		
STRONG – Replicate 5	24998	10347	35678	POS		
Average	24773	10309	34067			
Standard deviation	993	444	1499			
INTERMEDIATE – Replicate 1	1421	1286	25505	POS		
INTERMEDIATE – Replicate 2	1402	1292	25195	POS		
INTERMEDIATE – Replicate 3	1412	1272	25621	POS	5.44	POS
INTERMEDIATE – Replicate 4	1283	1128	25206	POS		
INTERMEDIATE – Replicate 5	1355	1195	25609	POS		
Average	1375	1235	25427			
Standard deviation	57	71	212			
WEAK – Replicate 1	1969	574	5843	POS		
WEAK – Replicate 2	1738	554	5330	POS		
WEAK – Replicate 3	1494	505	4893	POS	2.61	POS
WEAK – Replicate 4	1563	528	5174	POS		
WEAK – Replicate 5	1574	488	4887	POS		
Average	1668	530	5225			
Standard deviation	191	35	394			
NEG – Replicate 1	137	90	678	NEG		
NEG – Replicate 2	139	110	793	NEG		
NEG – Replicate 3	144	109	656	NEG	0.24	NEG
NEG – Replicate 4	147	119	741	NEG		
NEG – Replicate 5	140	93	743	NEG		
Average	141	104	722			
Standard deviation	4	12	55			
MFI Cut-Off	583	182	2455			