Supplementary data

We provide inter- and intra-assay CoV, specificity, and sensibility of the kits used for antibody and cytokine evaluations.

The Abbott SARS-CoV-2 IgG assay showcases an exceptional diagnostic specificity of 100.00% (95% CI: 95.89-100.00) in both inter- and intra-assay assessments. Furthermore, it displays a noteworthy sensitivity, with a diagnostic sensitivity of 99.60% (95% CI: 98.98-99.98). In the case of the Elecsys anti-SARS-CoV-2 assay, it demonstrates consistent inter-assay and intra-assay coefficients of variation (CoV), underscoring its robust performance. Significantly, the assay achieves a diagnostic specificity of 99.95% (99.87–99.99), emphasizing its precision in identifying true negative cases. Concurrently, the assay exhibits a substantial diagnostic sensitivity of 97.92% (95.21–99.32), highlighting its efficacy in detecting true positive cases.

Table S1. For intra- and inter-assay CV%, sensitivity, and assay working ranges for each platform

	Assay Working Ranges, pg/ml		Assay Sensitivity, pg/ml	Intra-Assay %CV	Inter-Assay %CV
Analyte	LLOQ	ULOQ	LOD		
IFN-α2	0.95	15,569	0.46	3.3	4.4
IL-1β	0.29	4,672	0.24	3.6	3.2
IL-6	0.38	6,244	0.34	2.2	3.0
IL-10	1.06	17,427	0.69	2.3	3.4
IFN-β	1	3,069	0.42	2.95	20.78
sIL-6Rα	17	36,429	1.8	2.02	10.51

CV, coefficient of variation; LLOQ, lower limit of quantitation; LOD, limit of detection; ULOQ, upper limit of quantitation.