

Supplemental Table 1: Intra-assay precision of SARS-CoV-2 antibody assays.

	Mean	SD	CV
Euroimmun IgG	0.228 ^a	0.017	7.4%
	2.36 ^a	0.12	5.2%
	3.5 ^b	0.1	4.3%
Siemens	0.15 ^b	0.02	11.3%
	2.55 ^a	0.09	3.4%
	5.4 ^b	0.2	2.8%
Roche	0.110 ^a	0.008	7.6%
	2.19 ^a	0.06	2.6%
	84.7 ^b	7.5	8.8%

SD, standard deviation; CV, coefficient of variation; ^a quality control sample provided by the manufacturer; ^b patient sample

Supplemental Table 2: Inter-assay precision of SARS-CoV-2 antibody assays.

	Mean	SD	CV
Euroimmun IgG	0.22 ^a	0.03	14.4%
	2.39 ^a	0.23	9.5%
Siemens	0.13 ^b	0.02	17.1%
	2.14 ^a	0.11	4.9%
Roche	0.07 ^a	0.01	6.4%
	2.39 ^a	0.13	5.4%

SD, standard deviation; CV, coefficient of variation; ^a quality control sample provided by the manufacturer; ^b patient sample

Supplemental Table 3: Investigations of potential interferences of hemolysis, icterus and lipemia on SARS-CoV-2 antibody assays.

Hemolysis (plasma hemoglobin; mg/l)	Siemens	Roche	Euroimmun IgG
Primary sample	1.3	12.8	1.3
250	1.4	11.8	1.2
340	1.5	12.4	1.5
850	1.5	13.5	1.5
1250	1.3	12.6	1.2
1800	1.3	11.3	1.3
2390	1.3	13.5	1.6

Icterus (total bilirubin; $\mu\text{mol/l}$)	Siemens	Roche	Euroimmun IgG
Primary sample	1.8	4.53	1.3
188.1	1.4	4.30	1.2
343.7	1.6	3.98	1.3
473.7	1.8	4.04	1.3
478.8	1.7	4.22	1.3
518.1	1.5	4.15	1.3
586.5	1.9	4.63	1.3

Lipemia (triglycerides; mmol/l)	Siemens	Roche	Euroimmun IgG
Primary sample	1.3	5.82	1.3
4.4	1.5	4.87	1.4
5.0	1.8	6.87	1.1
5.8	1.5	6.05	1.3
7.9	1.2	5.46	1.1
9.3	1.4	5.01	1.2
11.3	1.5	6.35	1.3