Comparison of CLEIA and ELISA for SARS-CoV-2 virus anti-bodies after first and second dose vaccinations with the BNT162b2 mRNA Vaccine

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Supplementary Files

Table S1. Reproducibility of antibody test results using ELISA based on the optical density (O.D.) at 450 nm.

	S1 IgM		S1 IgG		NP IgG	
Level	L	H	L	H	L	H
Absorbance (O.D. 450 nm)						
Mean	0.05	1.25	0.05	1.06	0.06	1.29
SD	0.00	0.16	0.00	0.10	0.00	0.13
CV (%)	6.5	13.0	6.2	9.5	5.3	9.9

Control samples were repeatedly measured ten times by each assay. SD, standard deviation. CV, coefficient of variation. S1, anti-spike protein S1 subunit antibody; NP, anti-nucleocapsid protein antibody. L, low concentration control; H, high concentration control.

Table S2. Number of blood samples taken from the participants.

Week after first dose	0	1	2	3	4	5	6	7	11	15	SUM
Healthcare workers	20	20	19	19	18	19	19	19	19	19	191
Hospital staff	—	—	—	—	—	—	—	59	—	—	59
Students	42	—	—	42	—	—	—	42	41	41	208
SUM	62	20	19	61	18	19	19	120	60	60	458