Supplementary Table 1. IFN-γ concentration (IU/mL) for QuantiFeron SARS-CoV-2 AG1 according to the vaccination schedule

Infection status	Vaccination	N	Median (interquartile range)
Uninfected population	Baseline	23	0.00 (0.00-0.01)
	1st dose	23	0.18 (0.07-0.57)
	2nd dose	23	1.76 (0.78-2.97)
Infected population	Baseline	31	0.28 (0.09-1.03)
	1st dose	26	2.11 (0.80-3.63)
	2nd dose	21	1.63 (1.09-3.69)

Supplementary Table 2. IFN-γ concentration (IU/mL) for QuantiFeron SARS-CoV-2 AG2 according to the vaccination schedule

Infection status	Vaccination	N	Median (interquartile range)
Uninfected population	Baseline	23	0.00 (0.00-0.01)
	1st dose	23	0.27 (0.18-0.66)
	2nd dose	23	2.45 (1.20-4.10)
Infected population	Baseline	31	0.44 (0.08-1.53)
	1st dose	26	2.43 (0.83-5.35)
	2nd dose	21	2.45 (1.11-5.62)

Supplementary Table 3. Neutralization antibody levels (%) measured by GenScript cPass SARS CoV-2 sVNT according to the vaccination schedule

Infection status	Vaccination	N	Median (interquartile range)
Uninfected population	1st dose	23	26.8 (20.0-40.5)
	2nd dose	23	59.3 (46.6-76.8)
Infected population	1st dose	23	98.0 (91.5-99.1)
	2nd dose	21	81.5 (70.4-89.0)