



**Table S1.** Multivariable adjusted estimated geometric means (GMT) (95% CI) and ratio of mean (95% CI) of SARS-Cov-2 spike antibody titers according to the glycemic status defined as WHO criteria \*.

	SARS-CoV-2 Spike IgG Antibodies	
	GMT (95% CI)	Ratio of Mean (95% CI)
Normoglycemia	5481 (5254–5718)	1.00 (Reference)
IFG	3912 (2244–6819)	0.71 (0.41–1.25)
Diabetes	3418 (2395–4876)	<b>0.62 (0.43–0.89)</b>
<i>p</i> § trend		<b>&lt;0.001</b>

IFG, impaired fasting glucose; WHO, World Health Organization; FPG, fasting plasma glucose; CI, confidence interval. Values in bold show statistical significance. Model was adjusted for age (year, continuous), sex, BMI (kg/m<sup>2</sup>, continuous), cigarette smoking (yes or no), alcohol drinking (non-drinker, occasional drinker, <1 go/day, or ≥1 go/day), hypertension (yes or no), and days after the second vaccination (days, continuous). \* Normoglycemia was defined as <110 mg/dl, IFG was defined as FPG 110–125 mg/dl, and diabetes was defined as FPG ≥126 mg/dl or being under medical care for diabetes.

§ Based on linear regression analysis, assigning ordinal numbers to the normoglycemia, IFG, and diabetes status.