

Supplementary Table 1. Agreement between TST and QFT-GIT

Results	Overall n = 3217			DM group n = 2767			CC group n = 450		
	TST cut point			TST cut point			TST cut point		
	5 mm	10 mm	15 mm	5 mm	10 mm	15 mm	5 mm	10 mm	15 mm
TST+/QFT-GIT+	613	528	363	37	32	23	576	496	340
TST-/QFT-GIT-	664	1252	1950	95	188	318	569	1064	1632
TST+/QFT-GIT-	1886	1298	600	311	218	88	1575	1080	512
TST-/QFT-GIT+	54	139	304	7	12	21	47	127	283
Agreement%	39.7%	55.3%	71.9%	29.3%	48.9%	75.8%	41.4%	56.4%	71.3%
Kappa (95% CI)	0.09 (0.74-0.10)	0.17 (0.15-0.20)	0.27 (0.23-0.30)	0.10 (0.08-0.12)	0.19 (0.16-0.22)	0.27 (0.23-0.31)	0.02 (-0.01-0.05)	0.06 (0.01-0.11)	0.18 (0.09-0.28)

Abbreviations: TST, tuberculin skin test; QFT-GIT, QuantiFERON-TB Gold In-Tube; CI, confidence interval.

Test results with an indeterminate QFT-GIT response are not included in the table.

Supplementary Table 2. Combined effects of glycemc control (HbA1c) and duration of DM on risk of latent tuberculosis infection without and with adjustment of TST results.

Variables	Crude OR (95% CI)	aOR1 (95% CI)	aOR2 (95% CI)
Community comparison group	Reference	Reference	Reference
A1C $\geq 7\%$, duration >5 years	2.49 (1.77-3.52)	1.42 (0.97-2.07)	1.33 (0.90-1.96)
A1C $\geq 7\%$, duration ≤ 5 years	2.71 (1.84-3.98)	1.87 (1.24-2.82)	1.80 (1.18-2.74)
A1C <7%, duration >5 years	2.84 (1.99-4.04)	1.67 (1.13-2.46)	1.54 (1.03-2.28)
A1C <7%, duration ≤ 5 years	2.81 (1.95-4.04)	1.84 (1.24-2.72)	1.82 (1.22-2.72)

Abbreviations: OR, odds ratio; aOR, adjusted odds ratio; CI, confidence interval; TST, tuberculin skin test; A1C, glyated hemoglobin. aOR1: adjusted odds ratio without adjustment of TST results; aOR2: adjusted odds ratio with adjustment of TST results.

*The multivariable model adjusted for the comorbidities indicated in Table 2.