

Supplementary Table 1. Baseline characteristics of active TB vs. LTBI groups in the primary analysis population

Characteristic	Total (n = 542)	LTBI group (n = 532)	Active TB group (n = 10)	p value
Initial CT vs. CXR	320 (59)	312 (58.6)	8 (80)	0.174
Age, yr	46.9 ± 11.5	47.0 ± 11.5	45.0 ± 13.8	0.476
Female sex	398 (73.4)	392 (73.7)	6 (60)	0.332
Body mass index, kg/m ²	23.6 ± 3.6	23.6 ± 3.6	22.1 ± 1.7	0.418
Occupation				0.394
Hospital	246 (45.4)	240 (45.1)	6 (60)	
Kindergarten	138 (25.5)	136 (25.6)	2 (20)	
Nursing facility	47 (8.7)	47 (8.8)	0	
School	9 (1.7)	9 (1.7)	0	
Postnatal care center	6 (1.1)	6 (1.1)	0	
Military personnel	1 (0.2)	1 (0.2)	0	
Others	95 (17.5)	93 (17.5)	2 (20)	
Charlson comorbidity index	0.2 ± 0.7	0.2 ± 0.7	0.2 ± 0.6	0.838
High risk of active TB	74 (13.7)	73 (13.7)	1 (10)	0.594
Radiologically healed TB	43 (7.9)	43 (8.1)	0	0.349
Transplantation recipient or candidate	18 (3.3)	17 (3.2)	1 (10)	0.235
TNF blocker user or candidate	17 (3.1)	17 (3.2)	0	0.566
HIV infection	1 (0.2)	1 (0.2)	0	0.891
Moderate risk of active TB	40 (7.4)	39 (7.3)	1 (10)	0.539
Diabetes mellitus	23 (4.2)	23 (4.3)	0	0.502
End-stage renal disease	18 (3.3)	17 (3.2)	1 (10)	0.235
Steroid maintenance treatment	3 (0.6)	3 (0.6)	0	0.812
History of gastrectomy	1 (0.2)	1 (0.2)	0	0.891
Symptoms	13 (2.4)	13 (2.4)	0	0.617
Cough	8 (1.5)	8 (1.5)	0	0.696
Sputum	10 (1.8)	10 (1.9)	0	0.662
Fatigue	1 (0.2)	1 (0.2)	0	0.891
Diagnostic method for TB infection				0.891
IGRA	541 (99.8)	531 (99.8)	10 (100)	
Tuberculin skin test	1 (0.2)	1 (0.2)	0	
Suspected as active TB in initial imaging	21 (3.9)	11 (2.1)	10 (100)	< 0.001
Initial radiologic abnormalities	208 (38.4)	198 (37.2)	10 (100)	< 0.001
Calcified granulomas or lymph nodes	161 (29.7)	161 (30.3)	0	0.038
Fibronodular scarring	42 (7.7)	41 (7.7)	1 (10)	0.788
Pleural thickening or calcification	6 (1.1)	6 (1.1)	0	0.736
Cavitation	1 (0.2)	1 (0.2)	0	0.891
Consolidation	2 (0.4)	0	2 (20)	< 0.001
Centrilobular and tree-in-bud nodules	32 (5.9)	22 (4.1)	10 (100)	< 0.001

Values are presented as number (%) or mean ± standard deviation.

TB, tuberculosis; LTBI, latent tuberculosis infection; CT, computed tomography; CXR, chest X-ray; TNF, tumor necrosis factor; HIV, human immunodeficiency virus; IGRA, interferon gamma release assay.