

Name of first reviewer:

Name of second reviewer:

Study details					
First author surname year of publication:					
Country:					
Study design:					
Study setting (e.g., outbreak investigation, community-based - specify):					
Number of centres:					
Total length of follow up (if applicable):					
Funding (government/private/manufacturer/other - specify):					
Aim of the study					
Subgroup of interest (i.e., children, recently arrived people, immunocompromised people)					
Participants					
Recruitment dates:					
Total N of recruited patients:					
Inclusion criteria:					
Exclusion criteria:					
Total N of excluded patients:					
Total N of patients tested with both IGRA and TST:					
Total N of patients with valid results for both IGRA and TST:					
Methods of active TB diagnosis (if applicable):					
Outcomes (study-based) list:					
Characteristics of participants (total study sample)					
Mean (range or SD) age (years):					
Women (n [%]):					
Race/ethnicity (n [%]):					
Geographic origin (n[%]):					
BCG vaccination (n [%]):					
History of anti-TB treatment (n [%]):					
Total incidence of active TB (n [%]):					
Chest radiography (yes/no):					
Clinical examination (yes/no):					
Morbidity (n [%]):					
Co-morbidity (n [%]):					
Type of during-study treatment (n [%]):					
Number of patients tested					
	Total N (tested)	Total N (test+)	Total N (test-)	Total N (indeterminate)	Total N (test results available)
IGRA (specify):					
TST:					
Test 3 (specify)					
Total N of patients with valid results for both IGRA and TST:					
Levels/groups of exposure to TB in increasing order (if applicable):					
Definition of exposure group					
Non-exposed					
Exposed 1 (specify):					
Exposed 2 (specify):					
Exposed 3 (specify):					
Exposed 4 (specify):					

Tests							
	Assay used, methodology, timing for test measurement, manufacturer			Cut-off values/thresholds Definition of test+		Other information	
IGRA							
TST							
Association between test results and incidence of active TB (if applicable)							
IGRA				TST			
	Incidence of active TB		Total		Incidence of active TB		Total
	Yes	No			Yes	No	
IGRA +				TST +			
IGRA -				TST -			
indeterminate				indeterminate			
Total				Total			
Test performance parameters							
IGRA				TST			
Sensitivity =				Sensitivity =			
Specificity =				Specificity =			
PPV =				PPV =			
NPV =				NPV =			
Cumulative Incidence IGRA+ =				Cumulative Incidence TST+ =			
Cumulative Incidence IGRA- =				Cumulative Incidence TST- =			
Cumulative Incidence Ratio IGRA =				Cumulative Incidence Ratio TST =			
Incidence density rate IGRA+ =				Incidence density rate TST+ =			
Incidence density rate IGRA- =				Incidence density rate TST- =			
Incidence density rate ratio IGRA =				Incidence density rate ratio TST =			
Comparison between tests (IGRA vs. TST)							
Ratio of cumulative incidence ratios =							
Ratio of incidence density rate ratios =							
Other reported measure =							
Association between test results and levels of TB exposure (if applicable)							
IGRA				TST			
	Exposure level		Total		Exposure level		Total
	High/Yes	Low/No			High/Yes	Low/No	
IGRA +				TST +			
IGRA -				TST -			
indeterminate				indeterminate			
Total				Total			
Test performance parameters							
IGRA				TST			
Sensitivity =				Sensitivity =			
Specificity =				Specificity =			
PPV =				PPV =			
NPV =				NPV =			
DOR (for T ⁺ calculated) =				DOR (for T ⁺ calculated) =			
OR (crude; for T ⁺ reported) =				OR (crude; for T ⁺ reported) =			
OR (regression-based; reported) =				OR (regression-based; reported) =			
List of covariates:				List of covariates:			
Other reported measure =				Other reported measure =			
Comparison between tests (IGRA vs. TST)							
Ratio of DORs (for T ⁺ calculated) =							

Ratio of OR (crude; for T ⁺ reported) =			
Ratio of ORs (regression-based; reported) =			
Other reported measure =			
Between-test agreement, concordance, and discordance (if applicable)			
This table may be stratified by TST cut-off value, BCG vaccination status, and/or condition			
Total sample			
	TST +	TST -	Total
IGRA +			
IGRA -			
indeterminate			
Total			
Description			
Sample definition (e.g., total, if stratified by BCG or condition – specify):			
TST + threshold:			
Parameters			
Kappa =			
% concordance =			
% discordance =			
Stratification (specify group 1)			
	TST +	TST -	Total
IGRA +			
IGRA -			
indeterminate			
Total			
Description			
Sample definition (e.g., total, if stratified by BCG or condition – specify):			
TST + threshold:			
Parameters			
Kappa =			
% concordance =			
% discordance =			
Stratification (specify group 2)			
	TST +	TST -	Total
IGRA +			
IGRA -			
indeterminate			
Total			
Description			
Sample definition (e.g., total, if stratified by BCG or condition – specify):			
TST + threshold:			
Parameters			
Kappa =			
% concordance =			
% discordance =			
Other outcomes			
Test and cut-off (if applicable)	Adverse events n/N (%) (specify)		Health related quality of life mean score (SD) (specify)
IGRA:			
TST:			
Test 3 (specify):			
Conclusions			

Authors:
Reviewers:
<i>Abbreviations:</i> DOR = diagnostic odds ratio; 95% CI = 95 percent confidence intervals; TB = tuberculosis; BCG = Bacillus Calmette–Guérin; PPV = positive predictive value; NPV = negative predictive value; FPR = false positive rate; FNR = false negative rate; SD = standard deviation