

Annex 2

Class	Population	Intervention	Comparison	Outcome
1. LC-aNAATs for TB diagnosis and detection of resistance to H/R	All presumptive TB patients - Adults¹ and adolescents² HIV- or unknown - Signs or symptoms of PTB - Screen positive for PTB (CXR, mWRD) - Signs and symptoms of EP TB, excluding TB meningitis - TB meningitis - PLHIV with - Signs or symptoms of PTB - Screen positive for PTB (CXR, CRP, mWRD) - Signs and symptoms of EP TB, excluding TB meningitis - TB meningitis - Children³ with - Signs or symptoms of PTB - Screen positive for PTB (CXR) - Signs and symptoms of EP TB, excluding TB meningitis - TB meningitis - HIV	LC-aNAATs for TB diagnosis and detection of resistance to H/R - on respiratory⁴ samples - on extra-pulmonary samples - on CSF - on stool - on blood (for disseminated TB diagnosis)	Smear microscopy; MRS (1. Culture for TB detection; 2. pDST for DR-TB detection; 3. pDST + WGS for DR-TB detection, in cases when phenotypic RS has known limitations, i.e. for RR detection); CRS (Decision to treat)	Cure; Mortality; LTFU; TTD; TTT; Diagnostic accuracy (Se / Sp) Indeterminate rate
2. LC-mNAATs for TB diagnosis	All presumptive TB patients - Adults and adolescents HIV- or unknown - Signs or symptoms of PTB - Screen positive for PTB (CXR, mWRD) - Signs and symptoms of EP TB, including disseminated TB, excluding TB meningitis - TB meningitis	LC-mNAATs for TB diagnosis - on respiratory samples, - on extra-pulmonary samples - on CSF - on stool	Smear microscopy, MRS (Culture); CRS (Decision to treat)	Cure; Mortality; LTFU; TTD; TTT; Diagnostic accuracy (Se / Sp); Indeterminate rate

¹ Aged 20 years or older

² Aged 10-19 years inclusive

³ Aged under 10 years

⁴ For adults respiratory samples include: sputum, BAL, induced sputum; For children: sputum, BAL, induced sputum, (nasopharyngeal aspirate) (NPA), nasogastric aspirate (NGA)

	• PLHIV with ○ Signs or symptoms of PTB ○ Screen positive for PTB (CXR, CRP, mWRD) ○ Signs and symptoms of EP TB including disseminated TB, including TB meningitis ○ CD4 < 200 • Children with ○ Signs or symptoms of PTB ○ Screen positive for PTB (CXR) ○ Signs and symptoms of EP TB, including disseminated TB, excluding TB meningitis ○ TB meningitis ○ HIV	• on blood (for disseminated TB diagnosis)		
3. MC-aNAATs for detection of pre XDR TB/XDR-TB	• People with bacteriologically confirmed P/EP TB for pre-XDR detection ○ Adults or adolescents HIV – or unknown ○ PLHIV ○ Children • People with bacteriologically confirmed RR TB for XDR TB detection ○ Adults or adolescents HIV – or unknown ○ PLHIV ○ Children	MC-aNAATs for detection of pre XDR/XDR-TB • on respiratory samples • on extra-pulmonary samples • on CSF • on stool • on blood (for disseminated TB diagnosis)	MRS: pDST for DR-TB detection	Cure; Mortality; LTFU; TTD; TTT; Diagnostic accuracy (Se / Sp), Indeterminate rate