

Supplemental Digital Content: Table 1. Diagnostic test results for children with suspected TB for culture, Xpert and smear microscopy tests displayed for 304 participants with gastric aspirate (GA), induced sputum (IS), nasopharyngeal aspirate (NPA) and pooled respiratory specimens

Type of laboratory test	Result	Sample Type			
		Pooled n=304	GA n=301	IS n=301	NPA n=242
Culture	Positive for <i>M.tb</i> ¹ (%)	31 (10.2)	29 (9.6)	20 (6.6)	9 (3.7)
	Positive for NTM (%)	4 (1.3)	2 (0.7)	4 (1.3)	5 (2.1)
	Negative (%)	248 (81.6)	251 (83.4)	267 (88.7)	221 (91.3)
	Contaminated (%)	21 (6.9)	19 (6.3)	10 (3.3)	7 (2.9)
Xpert	Positive for <i>M.tb</i> (%)	23 (7.6)	17 (5.6)	15 (5.0)	9 (3.7)
	Negative (%)	278 (91.4)	271 (90.0)	282 (93.7)	233 (96.3)
	Error ² (%)	3 (1.0)	0 (0.0)	2 (0.7)	0 (0.0)
	Not done (%)	0 (0.0)	13 (4.3)	2 (0.7)	0 (0.0)
Positive <i>M.tb</i> on culture or Xpert ³		35 (11.5)	30 (10.0)	23 (7.6)	11 (4.6)
Smear microscopy	Positive (%)	6 (2.0)	4 (1.3)	3 (1.0)	1 (0.4)
	Negative (%)	298 (98.0)	297 (98.7)	298 (99.0)	241 (99.6)

GA: gastric aspirate; IS: induced sputum; NPA: nasopharyngeal aspirate; *M.tb*: *Mycobacterium tuberculosis*; NTM: non-tuberculous mycobacteria; ¹Positive *M.tb* and contaminated are reported as positive for *M.tb* only by the laboratory; ²No Xpert invalid results were reported; ³This parameter represents the diagnostic yield as defined by the study