

**Supplementary table 2: Diagnostic accuracy results**

Test type	Study	Sensitivity [95% CI]	Specificity [95% CI]
<b>Culture</b>	Kokuto 2015a (30)	21.4 [11.6-34.4]	100 [89.4-100]
	Kokuto 2015b (30)	31.9 [19.1-47.1]	100 [88-100]
	Konno 2019 (31)	44.2 [36.4-52.1]	83.3 [62.6-95.3]
	Oramasionwu 2013 (33)	53.2 [42.6-63.6]	*
	Rahman 2018 (34)	35.3 [26.1-45.4]	**
	Abaye 2017 (35)	30.3 [15.6- 48.7]	96.4 [89.9-99.3]
	Musisi 2022a (37)	63.9 [50.6-75.8]	61.5% [44.6-76.6]
	Musisi 2022b (37)	44.3 [31.5-57.6]	79.5 [63.5-90.7]
	ElKhechine 2009 (38)	54.2 [32.8-74.4]	100 [96.7-100]
<b>AFB Microscopy</b>	Kokuto 2015 (30)	47.3 [33.7-61.2]	94.6[81.8-99.3]
	Konno 2019 (31)	21.1 [14-29.7]	100 [95.1-100]
	Rahman 2018 (34)	53.9 [43.8-63.8]	*
	Abaye 2017 (35)	12.1 [3.4-28.2]	100 [95.7-100]
	Musisi 2022 (37)	45.9 [33.1-59.2]	79.5 [63.5-90.7]
	ElKhechine 2009 (38)	37.5 [18.8-59.4]	100 [96.7-100]
<b>Xpert MTB/RIF</b>	Kokuto 2015 (30)	85.7 [73.8-93.6]	100 [90.5-100]
	Liu 2019 (32)	90.6 [75-98]	93.9 [79.8-99.3]
	Rahman 2018 (34)	90.2 [82.7-95.2]	*
<b>Xpert Ultra</b>	Musisi 2022 (37)	83.6 [71.9-91.8]	87.2 [72.6-95.7]
<b>Other PCR assay</b>	Konno 2019 (31)	84.2 [75.3-90.9]	69.8 [53.9-82.8]
	Abaye 2017 (35)	69.7 [51.3-84.4]	94 [86.7-98]
	DiNardo 2018 (36)	70.1 [59.4-79.5]	78.9 [54.4-93.9]
	Musisi 2022 (37)	80.3 [68.2-89.4]	79.5 [63.5-90.7]
	ElKhechine 2009 (38)	100 [85.8-100]	97.3 [92.2-99.4]

\*not reported; \*\*non-TB healthy controls were not microbiologically confirmed. Therefore, we did not include specificity results