

LONDON  
SCHOOL of  
HYGIENE  
& TROPICAL  
MEDICINE



Maynard-Smith, L; Larke, N; Peters, JA; Lawn, SD (2014) Diagnostic accuracy of the Xpert MTB/RIF assay for extrapulmonary and pulmonary tuberculosis when testing non-respiratory samples: a systematic review. *Bmc Infectious Diseases*, 14. p. 709. ISSN 1471-2334  
DOI: <https://doi.org/10.1186/s12879-014-0709-7>

Downloaded from: <http://researchonline.lshtm.ac.uk/2124247/>

DOI: [10.1186/s12879-014-0709-7](https://doi.org/10.1186/s12879-014-0709-7)

#### Usage Guidelines

Please refer to usage guidelines at <http://researchonline.lshtm.ac.uk/policies.html> or alternatively contact [researchonline@lshtm.ac.uk](mailto:researchonline@lshtm.ac.uk).

Available under license: <http://creativecommons.org/licenses/by/2.5/>

**Additional file 1: Table S1:** Characteristics of excluded studies

First Author	Year	Age	% Male	% HIV	Study Setting	Sampling Method*	Gold standard	Sample types (total n specimens analysed)	Sample used for gold standard	Composite reference standard included
<b>Christopher</b> India	2013	Adults Median age 46	80	NR	Clinical	Prospective Consecutive	CRS	Pleural fluid, pleural tissue biopsy (146)	As for Xpert	Smear positive <i>and/or</i> culture positive fluid/biopsy <i>and/or</i> granulomas on tissue biopsy <i>and/or</i> MTB in sputum
<b>Patel</b> South Africa	2013	Not all results recorded	NR	87	Clinical	Prospective Consecutive	CRS	CSF (204)	As for Xpert	Culture <i>and/or</i> Amplicor <i>and/or</i> clinical symptoms and received TB treatment
<b>Walters</b> South Africa	2012	Children <14 (Median 17.2 months)	35	8.6	Clinical	Prospective Unspecified	Liquid culture	Gastric aspirate and faeces (23)	Gastric aspirate	N/A
<b>Williamson</b> New Zealand	2012	NR	NR	NR	Clinical	Prospective Consecutive	Solid and liquid culture	Tissue/biopsy, Lymph node, Middle ear washings (9)	As for Xpert	N/A

\*Sample selection: Study units selected prospectively, or retrospectively from existing samples; Consecutive, random or convenience sampling method. 'Unspecified' refers to studies where there was no clear indication how the study participants were chosen