

Practical manual of processing stool samples for diagnosis of childhood TB





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Contents

Acknowledgements	iv
About this manual	.
Target audience	
Abbreviations and acronyms	v
Part A Background	
A1 Introduction	
A2 Stool processing methods	1
A3 Comparison of stool processing methods	2
A4 Stool processing methods described in this manual	3
Part B How to perform stool testing	5
B1 Stool collection and storage	
B2 Stool processing methods	
Part C Implementation of stool testing	13
C1 Where to place stool testing in the tiered laboratory network	13
C2 Steps and processes for implementation	14
References	19
Annex 1. Overview of publications on stool processing for TB detection until December 2021	23
Annex 2. List of activities for the implementation of stool testing	31
Annex 3. Laboratory tool for assessing stool testing by Xpert MTB/RIF	32

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About this manual

This practical manual aims to help countries implement stool testing into their tuberculosis (TB) diagnostic and clinical practice. It provides evidence and incorporates recommendations on the use of stool as a sample type for diagnosing TB. It also contains steps for implementation and details on the laboratory process for conducting stool testing using Xpert MTB/RIF and Xpert MTB/RIF Ultra (Xpert Ultra).

Target audience

The target audience for this manual is ministries of health, programme managers, clinicians, front-line health workers (especially in paediatric TB), TB testing site managers, supervisory laboratory staff and GeneXpert users at national, state or provincial and testing site level, as well as implementing partners.

Abbreviations and acronyms

CI	confidence interval		
FIND	Foundation for Innovative New Diagnostics		
GA	gastric aspirate		
GLI	Global Laboratory Initiative		
HIV	human immunodeficiency virus		
KNCV	KNCV Tuberculosis Foundation		
МТВС	Mycobacterium tuberculosis complex		
NTP	national TB programme		
OSF	optimized sucrose flotation		
POSEE	Paediatric TB Operational and Sustainability Expertise Exchange		
PPE	personal protective equipment		
SOP	standard operating procedure		
sos	simple one-step		
SPK	stool processing kit		
SR	sample reagent		
ТВ	tuberculosis		
WHO	World Health Organization		

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