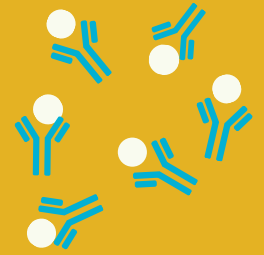
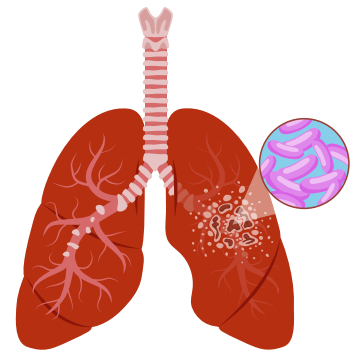


# M.Tuberculosis Antigen Rapid Test



## Advancing SDG 3.3 Ending Tuberculosis Through Accessible Rapid Screening



Tuberculosis remains a preventable and treatable disease. To meet SDG 3.3 and end the TB epidemic by 2030, early detection is essential—especially in communities with limited access to laboratory services.

The M.Tuberculosis Antigen Rapid Test detects three TB-specific secreted antigens : **ESAT-6, CFP-10, and MPT-64** , which are not present in BCG strains or most non-tuberculosis mycobacteria.




Reference No.	JTBAG01-Strip JTBAG02-Card
Specimen	sputum
Package	20Tests/Kit
Kit Components	20x Sputum collection cups 20x 5ml buffer tubes with beads 20x Test Cassettes 20x 3mL scale droppers 1xIFU 1x T color chart


# Performance

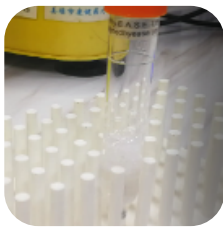
A total of 144 sputum samples from 11 hospitals were evaluated.


	Patient type	TBAg result	Performance
Group 1	91 inpatients with TB	81 positive	Sensitivity 90%
Group 2	48 clinically suspected outpatients	38 positive	Sensitivity 85%
Group 3	5 culture-confirmed TB samples	5 positive	Sensitivity 100%
Group 4	32 PCR negative samples	29 negative	Specificity 90.62%

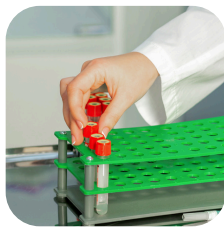
This antigen rapid test is ideal for early TB detection, triage, and outbreak control, especially in decentralized and resource-limited settings.


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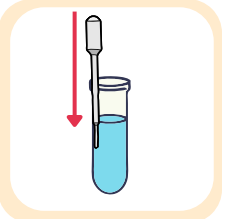
Open tube; attach sputum cup firmly.
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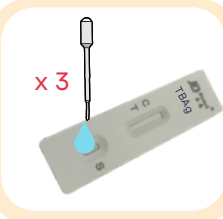
Spit sputum into cup.
- 


Close cap; stand tube upright.
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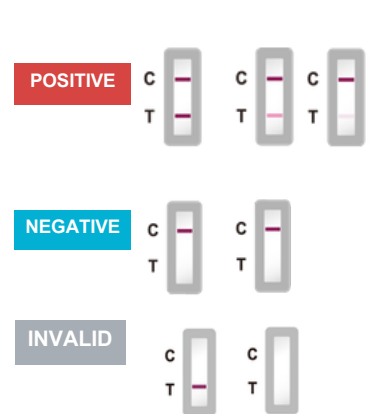
Shake 30–60 s with the beads.
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Let the tube stand for 20–30 minutes to allow bubbles to dissipate.
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Open the pouch and remove the TBAg test card.
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When transferring the sample, make sure the pipette touches the bottom of the tube to avoid sample residue on the inner surface.
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Add 4 drops to the “S” well of the test card.
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Place the test cassette flat on the table and wait for 15 minutes.
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**POSITIVE** C — T — C — T — C — T —  
**NEGATIVE** C — T — C — T —  
**INVALID** C — T — C — T —



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