

# SPUTUM AFB CULTURE

Profile Details | 1 Parameters

Fasting: Fasting is not mandatory | Report Time: Within 4 Days



Specimen Required: Sputum

Price- ₹2500 **₹1590**

## Parameters Included

### About This Test

A **sputum AFB (Acid-Fast Bacillus) culture** measures the presence of acid-fast bacilli, primarily *Mycobacterium tuberculosis*, in a sputum sample. Here's what this test assesses:

- Detection of Tuberculosis:** Identifies the presence of *Mycobacterium tuberculosis*, the bacterium that causes tuberculosis (TB). This is the primary purpose of the test.
- Diagnosis of Other Mycobacterial Infections:** Detects other non-tuberculous mycobacteria (NTM) that can cause infections, particularly in individuals with weakened immune systems.
- Monitoring TB Treatment:** Helps monitor the effectiveness of TB treatment by checking for the presence of the bacteria during and after treatment.
- Drug Resistance Testing:** Allows for testing of the bacteria's sensitivity to antibiotics, which is crucial for guiding appropriate treatment, especially in cases of multi-drug resistant TB (MDR-TB).
- Evaluation of Symptoms:** Aids in the evaluation of patients with persistent cough, weight loss, night sweats, and other symptoms suggestive of TB or other mycobacterial infections.

In summary, a sputum AFB culture measures the presence and growth of acid-fast bacilli to diagnose tuberculosis and other mycobacterial infections, monitor treatment, and test for drug resistance.



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*\*Fasting 10-12 hrs essential | \*Limited Period Offer | \*Reports within Within 4 Days*

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