

## Test Menu

TOPIC	DESCRIPTION
Test Name	AFB Culture for Identification (CFI) (Referred isolate)
Other Name (s)	Referred isolate of Acid-Fast Bacilli for Identification
Analyte(s)	Identification of Acid-Fast Bacilli ( <i>Mycobacteria sp.</i> but can identify other organisms such as <i>Nocardia sp.</i> ).
Test Code	3200
Lab location	Jacksonville location
Department	Mycobacteriology (TB)
Pre-Approval Required	Pre-approval required for tissue block specimens submitted to the CDC Infectious Disease Pathology Branch (IDPB) Laboratory. Pre-approval must be granted by the CDC IDPB Laboratory.
Required Forms	BPHL Test requisition, DH1847 (not needed if orders placed via WeBLIMS)
Specimen Sources	Pure culture of acid-fast bacilli in liquid or solid media (tubes). Do not send plates (for safety reasons).
Supplemental Information- Special Specimen Preparation	Prefer that cultures are shipped in metal cans as primary container to avoid breakage.
Minimum Volume	Liquid media – minimum of 3.0 ml.
Storage Conditions	N/A
Collection Media	Pure culture of acid-fast bacilli in liquid or solid media (tubes)
Specimen Labeling	Must have two unique patient identifiers, preferably name and date of birth. Submissions not meeting these criteria will be rejected.
Packaging and Shipping Instructions and Handling	Shipment temperature: Ship within the 2-28°C temperature range. Separation of specimens to prevent cross-contamination. Follow shipping regulations for specimen send outs.
Test Methodology	Varies
Turnaround Time	6 weeks after receipt at the laboratory
Result Indicator	Cultures will be identified by PRA and/or DNA Probe or sequencing. If <i>Mycobacterium tuberculosis</i> complex (MTBC) is identified on a new patient, will reflex to GeneXpert and/or Hain test and Drug Susceptibility Testing.
Unsatisfactory Specimen	Non-pure cultures. Cultures sent on Petri dishes. No patient identification on specimen, specimen damaged in transit.
Interferences and Limitations	Mixed cultures, Mycobacterial Blood Culture tubes submitted – presence of blood in the tube may interfere with identification methods and require subculture.
Additional Information & Notes	First-collected MTBC isolate on new patients will also be sent to Michigan Public Health Laboratory for genotyping.
Reference Range	Not applicable
Reference Lab	CDC MDDR Lab and CDC IDPB Lab
Reflex testing	MIC Susceptibility for each new patient identified with MTBC.

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