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## Antimicrobial Susceptibility, *Mycobacterium tuberculosis* Complex, First Line, Varies

**Test ID:** TB1LN

**Explanation:** This test will be made non-orderable effective immediately due to extended reagent backorder. The recommended alternative referral test is listed below. An update will be provided when testing resumes.

### Recommended Alternative Test:

## AFB Agar Proportion Method (Direct or Indirect) with 4 Drugs

**Test ID:** ZW196

**Referral Lab Code:** MTB2

### Methodology:

Agar proportion both microdilution and macrodilution

### Reference Values:

Susceptible, intermediate, or resistant (S, I, R) interpretations will be included whenever CLSI interpretations are available for a drug-organism combination.

### Specimen Requirements:

**Complete and submit with sample:** [Mycobacteriology Requisition Form](#), check the APPRO, hand write the MTB2.

**Specimen Type:** Isolates of mycobacteria

**Container/Tube:** Pure mycobacterial isolates should be sent in solid media such as a Middlebrook slant (7H10 or 7H11), Lowenstein-Jensen (LJ) slant, or in broth (7H9, MGIT, MP BACT/Alert, VersaTrek).

**Specimen Volume:** Lab must receive visible growth of isolate on solid media or an isolate in broth media ( $\geq 3$  mL).

**Collection Instruction:** Send Pure mycobacterial isolates should be sent in solid media such as a Middlebrook slant (7H10 or 7H11), Lowenstein-Jensen (LJ) slant, or in broth (7H9, MGIT, MP BACT/Alert, VersaTrek). Ship Ambient

**Min Vol:** 2 mL

**NOTE:**

- First-line Drugs: Isoniazid, Rifampin, Ethambutol and Pyrazinamide. If resistant, a 10-drug agar proportion test (MTB1) will be performed at an additional charge.
- If organism identification is not provided, National Jewish Health will identify species and add appropriate additional charges.

**Specimen Stability Information:**

Specimen Type	Temperature	Time
Isolate	Ambient (preferred)	
	Refrigerated	

**CPT Code:**

87188 x4

87190 x10 (if appropriate)

**Miscellaneous Referral Test Fee:**

MTB2 only charge: \$257.20

If drugs are resistant the MTB1 (10 drugs) will be performed at an additional charge of \$151.80

**Day(s) Performed:** Monday – Saturday

**Report Available:** 49 days

**NY State Available:** No

**Questions**

Contact Brandon DeBoom, Laboratory Resource Coordinator at 800-533-1710.