

Reporting Title: M tuberculosis species ID, PCR**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus**Ordering Guidance:**

This test should be used to identify the species within the *Mycobacterium tuberculosis* complex from a known *M tuberculosis* complex isolate.

For identification of *M tuberculosis* complex from isolate growth, order CTBID / Culture Referred for Identification, *Mycobacterium* and *Nocardia*, Varies.

For rapid identification of *M tuberculosis* complex directly from a specimen, order MTBRP / *Mycobacterium tuberculosis* Complex, Molecular Detection, PCR, Varies or MTBXS / *Mycobacterium tuberculosis* Complex, Molecular Detection and Rifampin Resistance, PCR, Sputum.

Shipping Instructions:

1. For shipping information see [Infectious Specimen Shipping Guidelines](#).
2. Place specimen in a large infectious container and label as an etiologic agent/infectious substance.

Necessary Information:

Specimen source and suspected organism identification are required.

Specimen Requirements:

Specimen Type: *Mycobacterium tuberculosis* complex isolate growing in pure culture

Supplies: Infectious Container, Large (T146)

Container/Tube: Growth on solid slant media, eg, Middlebrook 7H10, 7H11 and Lowenstein Jensen; growth in broth medium, eg, Mycobacteria Growth Indicator Tube, 7H9 broth BACT/ALERT MP or VersaTREK

Specimen Volume: Isolate with visible growth on solid media; if broth is sent, 3 mL or more of broth culture

Collection Instructions:

1. Bacterial organism must be submitted in pure culture, actively growing. **Do not submit mixed cultures.**
2. Place specimen in a large infectious container and label as an etiologic agent/infectious substance.

Additional Information: If subculture to Middlebrook agar medium is needed to ensure purity, turnaround time for results may be delayed.

Specimen Type	Temperature	Time	Special Container
Varies	Ambient (preferred)		
	Refrigerated		

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
TBSP	M tuberculosis species ID, PCR	Alphanumeric	mL	94576-6

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

87150

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
RTBSP	Id, Mtb Speciation, PCR	1	87150	Yes	No, (Bill Only)

Reference Values:

Not applicable