TBIDS / Culture Referred for Identification, *Mycobacterium* and *Nocardia* with Antimicrobial Susceptibility Testing

Organism is in pure culture and actively growing on Middlebrook (7H10 or 7H11) or Lowenstein-Jensen medium agar slant

Acid-fast stain for bacilli

**POSITIVE**

*Mycobacterium* or *Nocardia* identification by matrix-assisted laser desorption ionization-time of flight (MALDI-TOF) mass spectrometry*

Organism identified?

**YES**

Organism identification reported

**NO**

*Mycobacterium* identification by sequencing or *Mycobacterium* Probe Identification (Agar)*

Organism identified?

**YES**

Organism identification reported

**NO**

*Mycobacterium* or *Nocardia* identification by sequencing or MALDI-TOF mass spectrometry

For all *Mycobacterium* species (other than *M. gordonae*) and *Nocardia* species, susceptibility testing is performed using the appropriate drug panel.

If *M. gordonae* or an aerobic actinomycete other than *Nocardia* species is identified, susceptibility testing is not automatically performed; call MLJ if testing is desired.

Organism is in pure culture and actively growing in broth (eg, *Mycobacterium* Growth Indicator Tube 7H9 broth)

Acid-fast stain for bacilli

**POSITIVE**

*Mycobacterium* Probe Identification, Broth*

Organism identified?

**YES**

Organism identification reported

**NO**

*Clickable PDF*