

***Mycobacterium tuberculosis* Susceptibility Testing**

Use of Test:	Antibiotic susceptibility testing of <i>Mycobacterium tuberculosis</i>
Test Includes:	BD BACTEC™ MGIT™ Antimycobacterial Susceptibility Testing (AST) for the following antituberculous drugs: Streptomycin, Isoniazid, Rifampin, Ethambutol, and Pyrazinamide
Availability:	Test is available to all clinical laboratories and local public health jurisdictions.
Limitations:	Susceptibility testing is only performed on <i>Mycobacterium tuberculosis</i> .
Fees:	Public health investigation testing - Exempt Non-public health investigation testing - Exempt
Causes for Rejection:	Inappropriate specimen transport container; Unlabeled or mislabeled specimen; Inappropriate transport conditions; Incomplete or missing specimen submission form; Specimen leakage during transport; Inappropriate specimen for test ordered; Specimen outdated, exceeds appropriate time from collection to receipt; Quantity not sufficient to perform test; Improperly preserved specimen
Turnaround Time:	14 days from identification (isolates), 17 days from identification (clinical)
Forms Required:	Microbiology Submission Form (HEA 2530)
Specimen Requirements:	Pure subculture of <i>Mycobacterium tuberculosis</i> on agar slant ≤ 14 days. MGIT positive within 5 days of culture positive or liquid medium to support organism growth.
Shipping Requirements:	Ship overnight at ambient temperature in compliance with federal regulation and local guidelines. Refer to the Shipping Resources page for more information.