



IDAHO DEPARTMENT OF HEALTH & WELFARE
DIVISION OF PUBLIC HEALTH

Test Title	<i>Mycobacterium tuberculosis</i> Complex Antimicrobial Susceptibility Testing
Sample Requirements	<ol style="list-style-type: none">1. Sample type: actively growing culture on solid medium or reactive Bact-Alert bottle, VersaTrek bottle, or MGIT tube2. Rejection criteria: unlabeled samples, broken/leaking samples, or mismatching requisition/sample
Sampling Materials	<ol style="list-style-type: none">1. Sample container: culture with lid tight and secured with parafilm2. Sample tube/container must be properly labeled with patient name and ID number, and requisition form must be completed.
Procedural Notes	<ol style="list-style-type: none">1. Clinical Test Request Form2. Drug susceptibility testing of Rifampin, Ethambutol, Isoniazid, and Pyrazinamide at critical concentrations will be performed using the MGIT system on all initial isolates of <i>M. tuberculosis</i> complex.3. For all other non-tubercular <i>Mycobacterium</i> susceptibility testing, contact Idaho Bureau of Laboratories for more information.4. CPT Code: 87190 (indirect susceptibility testing)
Shipping Instructions	<ol style="list-style-type: none">1. Temperature/preservative instructions: store and ship under ambient conditions.2. <i>M. tuberculosis</i> complex isolates must be packaged and shipped according to Biological Substance, Category A, shipping guidelines.3. Unidentified cultures should be packaged and shipped according to Biological Substance, Category B, shipping guidelines.4. Ship to: Idaho Bureau of Laboratories ATTENTION: TB Laboratory 2220 Old Penitentiary Rd Boise, ID 83712
Reporting and Turnaround Time (TAT)	<ol style="list-style-type: none">1. TAT: typically 4-21 business days<ol style="list-style-type: none">a. <i>Mycobacterium tuberculosis</i> complex drug susceptibility results are reported to the client the same day they are available.2. Reference Range: qualitative results (e.g., resistant, susceptible)