



IDAHO DEPARTMENT OF HEALTH & WELFARE  
**DIVISION OF PUBLIC HEALTH**

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