

Title	TB (isolates)
Specimen Requirements	<p>Submit a pure culture on appropriate media, such as an LJ slant, 7H10, or MGIT.</p> <p>Petri plates will not be accepted.</p> <p>Be sure to label the isolate with patient name or ID, date of birth, and collection date/time.</p>
Sampling Materials	<ol style="list-style-type: none"> 1. Pure culture growing on appropriate media, one slant per patient. 2. Shipping boxes or containers with appropriate shipping labels. MTB complex isolates must be shipped Category A, Infectious Substances. 3. Completed ISDH LimsNet test request.
Procedural Notes	<ol style="list-style-type: none"> 1. Handle all isolates of MTB complex, or those suspected of being MTBC, at a biosafety level 3. 2. Be sure to properly label the sample with at least the patient's name, DOB and date/time of collection. 3. Check the expiration date on the media to ensure product is acceptable and will continue to be acceptable once received at the ISDH laboratory. 4. Complete the LimsNet test request, ensuring that the patient information on the sample matches the information on the form. Test request must also include patient date of birth, sex, address, anti-mycobacterial therapy, date/time of collection, specimen source, and submitter and physician name/address. 5. Specimens lacking completed information will not be tested until the missing information has been provided.
Shipping Instructions	<ol style="list-style-type: none"> 1. If an isolate is a known member of the Mycobacterium tuberculosis complex, or if highly suspected to be in this group, then the isolated must be labeled and shipped as a Category A Infectious Substance, and must be packaged in accordance with all federal shipping regulations. 2. Complete the Shippers Declaration for Dangerous Goods Documentation and include at least three copies on the outside of the package. 3. Tighten the specimen culture tube cap. Wrap lab tape or parafilm around the tube cap to help prevent any leakage of the sample. 4. Wrap this primary container with absorbent material. Place the primary container and absorbent material in the inner mailing container (secondary packaging) and tighten the cap securely. 5. The completed test request may be then wrapped around the sealed inner container and together enclosed securely in a rigid outer shipping container clearly labeled with the sender's and recipient's name/address and the name and phone number of the responsible party. Include a list of contents inside of the package. 6. The outside of the package must be clearly labeled with the Category A, Infectious Substance label, and with the designation "UN 2814 Infectious Substance, Affecting Humans" 7. Do not send culture isolates on Petri plates, as they are unacceptable for testing. 8. Isolates may be transported at ambient temperature.
Reporting and TAT	<p>Laboratory reports will be distributed via LimsNet, and will be available within 1-7 business days.</p> <p>Test request should include specific test being requested.</p> <p>Confirmation testing is performed by PCR or MALDI-TOF, and drug susceptibility testing will be performed on newly identified MTBC patients upon request.</p> <p>Cultures identified as Mycobacterium tuberculosis complex will be forwarded to the Michigan Department of Community Health for genotyping studies.</p>