### Specimen Collection and Submission Instructions

**TB, DRSS (Drug Resistance Screening by Sequencing) (Version 1)**

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| Sputum, expectorated or induced | NA | NA | • Instruct the patient to cough deeply to produce sputum not spit.  
• **Minimum volume**: 3 ml.  
• Transport in a sterile 50 ml container. | NA | • Ship as soon as possible.  
• **Transport device**: See Collection Procedures.  
• **Rejection Criteria**: Not following listed Collection and/or S&H Methods. Please see General Rejection Criteria below.  
• **Transport**: Ship at room temperature. If previously refrigerated, ship cold (2-8°C) on ice packs.  
• **Storage**: If shipping is delayed, refrigerate at 2-8°C. |
| Respiratory, Bronchoalveolar lavage, brush or wash; Endotracheal, transtracheal aspirate | NA | NA | • Collect in sputum trap and transfer to a 50 ml sterile plastic transport container.  
• Place brush in 50 ml sterile container with 5ml of sterile saline. | NA | |
| Digested / Decontaminated respiratory sample | NA | NA | • Process specimen according to digestions/decontamination protocol.  
• Submit sediment in 2ml screw cap tube or 50 ml conical tube.  
• **Minimum volume**: 0.5 ml. | NA | |
| Confirmed MTB positive isolates on solid media | | | Pure growth on solid media. | Slants only: Lowenstein Jensen 7H10 or 7H11 Middlebrook | • Ship as soon as possible.  
• **Transport device**: See Collection Procedures.  
• **Rejection Criteria**: Not following listed Collection and/or S&H Methods. Please see General Rejection Criteria below.  
• **Transport**: Ship at room temperature.  
Transport as Category A package.  
• **Storage**: Do not refrigerate or freeze. |
| Confirmed MTB positive isolates in liquid media | | | Pure growth in liquid media. | Broths: MGIT, BactAlert, VersaTrek 7H9 Middlebrook | |

*Preferred specimen type, if applicable  **All specimens must be shipped meeting IATA, OSHA, and USPS requirements.  NA: Not Applicable  Last Revised: March 2015*
General Rejection Criteria (for additional details, see S&H)

• Unaccepted specimen type.
• Not refrigerated or frozen properly.
• Insufficient specimen volume.
• Diagnostic Specimens: Specimens other than respiratory will not be accepted. Specimen must contain sufficient amount of DNA (screened by NAAT).
• Reference Specimens: Leaky samples will not be accepted.

NOTE:
Specimens will not be processed until ALL of the following information are provided on requisition form:

• Patient name, patient's county of residence, and second identifier.
• Two matching identifiers on both the tube and the laboratory requisition form.
• Specimen type, date of collection, and test requested.
• Submitter name, address, and telephone/FAX numbers.

Collection kit availability

• Available for unprocessed respiratory samples.
• Please contact the WAPHL Mailroom for TB specimen collection kits.
  Telephone (206) 418-5579
  Fax (206) 418-5405
  Email phl.mailroom@doh.wa.gov

Comments