



## SPECIMEN COLLECTION, TRANSPORTATION AND STORAGE

### MYCOBACTERIOLOGY (AFB/TB)

#### Emerging Disease/Microbiology Section

Test	Test to be Performed	CPT	Accepted Specimens	Transport Method/Temperature	Reference Range	Comments	Turn around time
<b>Mycobacteriology Primary Culture</b>	AFB Culture and Smear	87015: Specimen Concentration 87206: AFB Smear 87116: AFB Culture Other CPT for identifying isolates	5-10ml of sputum, aerosol induced sputum, other respiratory, stool, blood, other body sites/tissues	Sputum in sterile wide-mouth containers; blood in "Isolator" tubes; other body sites or tissue in sterile containers. All primary specimen containers must be in sealed biohazard bags. Deliver promptly or refrigerated at 2-8°C for no more than 72 hours	No acid fast bacilli found		Smears: 24 hrs Negative culture 6 weeks; Positive cultures 6-8 weeks
<b>Mycobacteriology PCR</b>	MTB NAAT	87556	This test is approved for sputum specimens only.	Concentrated specimen in appropriate sterile container within sealed biohazard bag. Separate bag for each specimen. Transport in crush-proof, leak-proof secondary containers. Deliver to lab promptly.	M.tuberculosis complex not detected	Contact Lab for further information; <u>Reflex for all initial AFB smear positives</u>	Within 24 hours
<b>Mycobacteriology Culture isolate for identification</b>	AFB Isolate ID	Hospital Labs only	A pure culture in a tightly sealed screw capped tube of 7H-10 or LJ slant	Transport in leak-proof secondary containers. Room temperature		Forwarded to Reference Lab for ID and Genotyping	
<b>Title 17 Isolates</b>	TB Title 17 Isolate	Hospital Labs only	Pure Mycobacterium tuberculosis cultures on solid tube media according to Title 17 regulation	Transport in crush-proof, leak proof secondary containers. Room temperature. Include Susceptibility results.		Forwarded to Reference Lab for Genotyping.	