SAN BERNARDINO COUNTY | Public Health Laboratory

SPECIMEN COLLECTION, TRANSPORTATION AND STORAGE

MYCOBACTERIOLOGY (AFB/TB)

See Individual Test Guidance on DPH Laboratory webpage for more information

Test to be Performed	CPT	Accepted Specimens	Transport Temperature	Reference Range	Comments	Turnaround time
AFB Culture and Smear	87015: Specimen Concentration 87206: AFB Smear 87116: AFB Culture	Respiratory specimens (sputum, etc.) collected in a sterile, leak-proof container. 5 – 10 mL recommended; 2 mL minimum. Other body fluids, stool, tissue: see detailed guidance.	2-8°C within 72 hours	No acid-fast bacilli found by routine culture.		AFB Smears: 24 hours Negative culture 6 weeks
MTB NAAT	87556	Sputum only Unprocessed (primary, raw) specimens: Transport 5 – 10 mL (minimum 1 mL) sputum collected in a sterile, leak-proof container. Digestion and decontamination to be performed prior to testing. Processed (concentrated) specimens: Transport 2 – 5 mL (minimum 1 mL) sputum collected in a sterile, leak-proof container.	2-8°C within 72 hours	Mycobacterium tuberculosis complex target DNA NOT DETECTED by GeneXpert PCR	Contact Lab for further information; Reflex for all initial AFB smear positives	If unprocessed 2 days If processed 24 hours
MTB AST	87188: each drug	A pure culture of *Mycobacteria tuberculosis* in a tightly sealed screw capped tube of 7H-10/ LJ slant. Transport in crush-proof, leak-proof secondary containers.	15-25ºC	Susceptible to drugs tested	MGIT Broth: INH, RIF, EMB, & PZA	4 weeks following MTB identification
MALDI AFB ID	87143	A pure culture in a tightly sealed screw capped tube of 7H-10/ LJ slant or positive MGIT broth tube. Transport in leak-proof secondary containers.	15-25ºC	N/A		4 weeks
TB Title 17 Isolate	NA	Pure Mycobacterium tuberculosis cultures on solid tube media according to Title 17 regulations. Transport in crush-proof, leak-proof secondary containers. Include Susceptibility results	15-25ºC	N/A	Forwarded to Reference Lab	No final report