Test Name:	*Mycobacterium tuberculosis* complex: Drug susceptibility testing; First-line
Test Methodology:	Phenotypic drug susceptibility testing of *Mycobacterium tuberculosis* complex at critical concentrations by BACTEC MGIT 960 system. DST panel include isoniazid (INH) 0.1 µg/ml, rifampin (RIF) 1.0 µg/ml, ethambutol (EMB) 5.0 µg/ml, and pyrazinamide (PZA) 100 µg/ml.
Test to be Performed:	MTB MGIT Susceptibility
CPT:	87188: Each drug
Reflex Testing Criteria:	None
Pre-Approval Required:	None, unless duplicate submission (e.g., samples from the same patient and same source collected within 3 months from prior collection date).
Accepted Specimens:	Pure culture of viable *Mycobacterium tuberculosis* complex on solid media. Slants (LJ/7H10) are the preferred culture media for submission.
Specimen Stability:	Room temperature: up to 4 weeks. Refrigerated (2 – 8°C): up to 6 months.
Storage/Transport Conditions:	Ambient temperature. Ensure isolate is secured with parafilm or tape. Ship using appropriate DOT/IATA requirements. Suspected and/or confirmed MTBC cultures should be shipped as Category A Infectious Substance.
Turnaround Time:	17 days; preliminary report will be issued if resistance is detected and needs to be repeated for confirmatory purposes.
Reference Range:	Susceptible
Comments:	For questions regarding submissions, please contact the lab for further information.