

**Mycobacterium tuberculosis (Respiratory sputum) NAA**

 Order Name: **MTB NAA**

Test Number: 6060550

Revision Date: 01/07/2021

TEST NAME	METHODOLOGY	LOINC CODE
<b>Mycobacterium tuberculosis (Respiratory sputum) NAA</b>	<u>Nucleic Acid Amplification</u>	

**SPECIMEN REQUIREMENTS**

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	<b>5mL</b>	<b>Bronchial lavage/wash</b>	<b>Sterile Screwtop Container</b>	<b>Refrigerated</b>
Alternate 1	<b>5mL</b>	<b>Sputum</b>	<b>Sterile Screwtop Container</b>	<b>Refrigerated</b>
Alternate 2	<b>5mL</b>	<b>Tracheal lavage/wash</b>	<b>Sterile Screwtop Container</b>	<b>Refrigerated</b>
Instructions	For respiratory specimens only. Early morning collection of sputum is preferred. Collect 5-10mL bronchial lavage/wash, tracheal lavage/wash or sputum in sterile screw top container. Keep refrigerated. <b>Rejection Criteria:</b> Frozen specimens, specimens from patient previously identified with mycobacterium species within prior 6 months (excluding M. gordonae), specimens extensively bloody, specimens < 2 mL volume, specimens containing fixative or foreign object/food particles, non-pulmonary specimens, samples from patient being treated with anti-tuberculosis drugs(unless < 3 days treatment), or specimens from patients < 18 years old.			

**GENERAL INFORMATION**

Testing Schedule	Sun-Sat
Expected TAT	2-5 days for PCR result
Notes	Expected TAT: 2-5 days for PCR result; specimens negative for MTB NAA test will reflex to culture and be incubated 42 days before a final negative report is issued.  Performed at the Oklahoma State Department of Health Laboratory
	<ul style="list-style-type: none"> <li>A positive result infers the presence of M. tuberculosis Complex DNA, not viable organisms. The assay does not differentiate between species within the M. tuberculosis Complex.</li> <li>A negative result does not exclude the possibility of M. tuberculosis Complex infection; detection is dependent on appropriate specimen collection and handling, absence of inhibitors, and sufficient levels of organisms. Since the assay cannot detect non-tuberculosis mycobacterial species, culture should be used to determine if non-tuberculosis mycobacteria are present.</li> <li>An indeterminate result may be due to improper processing of sample, or presence of a PCR inhibitor; collection of a fresh specimen for testing is recommended.</li> <li>This assay is not suitable for monitoring therapeutic efficacy.</li> </ul>
CPT Code(s)	N/A
Service Provided By	 <b>labcorp</b> Oklahoma, Inc.