



**SAN MATEO COUNTY PUBLIC HEALTH LABORATORY  
TEST INFORMATION**

**Section: Bacteriology**

**Test Name: *Bordetella pertussis* Culture (Isolation)**

<b>Test Includes:</b> Conventional biochemicals	
<i>Reporting</i>	
<b>Results Available:</b> 7 days	<b>Contact Number:</b> (650) 573-2500
<i>Reference</i>	
<b>Method:</b> Conventional biochemicals, BBL Crystal	
<b>Turnaround Time:</b> 7 days for negative result	<b>Reference Range:</b> None isolated
<b>Limitations:</b> Quality of specimen collection will affect the ability to isolate pathogenic organisms from clinical specimens.	<b>Interpretation:</b> Interpretation of test results is dependent on the organism isolated and the clinical history of the patient.
<i>Specimen Requirements</i>	
<b>Specimen Collection:</b> Specimens should be collected early in the course of illness.	<b>Sample Type:</b> Nasopharyngeal aspirate or Nasopharyngeal swab (Dacron)
<b>Volume/Amount Required:</b>	<b>Preferred Specimen:</b> Nasopharyngeal aspirate or Nasopharyngeal swab (Dacron)
<b>Collection/Preservation:</b> Swabs or aspirates are inoculated directly on to Regan-Lowe medium.	<b>Storage Instructions:</b> Keep specimens at 2-8°C
<b>Causes for Rejection:</b> Name discrepancies; expired transport media; transit time too long.	<b>Sample Container:</b> Sealable container that does not leak. Regan-Lowe transport media..
<b>Sample Test Kit:</b>	<b>Availability:</b> Monday - Friday.
<b>Diagnostic Information:</b> Please indicate suspected organism(s) when submitting specimen. Culture includes the isolation and identification. Specimens should be collected in the acute phase of infection. Transport to the laboratory as soon as possible.	
<i>Specimen Submission</i>	
<b>Request Form:</b> Clinical test requisition form or electronically through Invision	<b>Specimen Handling:</b> Body fluids handled using universal precautions.
<b>Transport Temperature:</b> 2°-8°C during transport unless in preservative.	<b>Shipping Requirements:</b> ≤24 hours @RT; ≥24 hours @ 2-8°C.
<i>Billing</i>	
<b>CPT Code(s):</b> 87070	<b>Fees:</b> \$40.00
Effective Date: July 1, 2008	