



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

Section: Molecular

Test Name: *Bordetella pertussis* RT-PCR

Test Includes: RT-PCR using Roche LightCycler	
<i>Reporting</i>	
Results Available: 7 days	Contact Number: (650) 573-2500
<i>Reference</i>	
Method: RT-PCR using Roche LightCycler	
Turnaround Time: 5 days	Reference Range: No Bordetella DNA isolated
Limitations: Quality of specimen collection will affect the ability to isolate Bordetella DNA from clinical specimens.	Interpretation: Interpretation of test results is dependent on the DNA detected and the clinical history of the patient.
<i>Specimen Requirements</i>	
Specimen Collection: Specimens should be collected early in the course of illness.	Sample Type: Nasopharyngeal aspirate or Nasopharyngeal swab (Dacron)
Volume/Amount Required:	Preferred Specimen: Nasopharyngeal aspirate or Nasopharyngeal swab (Dacron)
Collection/Preservation: Swabs or aspirates are inoculated directly into transport media.	Storage Instructions: Keep specimens at 2-8°C
Causes for Rejection: Name discrepancies; expired transport media; transit time too long.	Sample Container:
Sample Test Kit:	Availability: Monday - Friday.
Diagnostic Information: Specimens should be collected in the acute phase of infection. Transport to the laboratory as soon as possible.	
<i>Specimen Submission</i>	
Request Form: Clinical test requisition form or electronically through Invision	Specimen Handling: Body fluids handled using universal precautions.
Transport Temperature: 2°-8°C during transport unless in preservative.	Shipping Requirements: ≤24 hours @RT; ≥24 hours @ 2-8°C.
<i>Billing</i>	
CPT Code(s): 87798	Fees: \$40
Effective Date: July 1, 2008	