

**Test Menu**

TOPIC	DESCRIPTION
<b>Test Name</b>	<i>Bordetella pertussis</i> : Culture / PCR
<b>Other Name (s)</b>	N/A
<b>Analyte(s)</b>	<i>B. pertussis</i> , <i>B. parapertussis</i> or <i>B. holmesii</i>
<b>Test Code</b>	2700
<b>Lab location</b>	Jacksonville location
<b>Department</b>	Microbiology
<b>Pre-Approval Required</b>	Yes, Epidemiology
<b>Required Forms</b>	DH1847
<b>Specimen Sources</b>	NASOPHARYNGEAL SWABS.
<b>Supplemental Information- Special Specimen Preparation</b>	N/A
<b>Minimum Volume</b>	Swabs: 1mL of medium
<b>Storage Conditions</b>	N/A
<b>Collection Media</b>	Amies Elution Swab (Eswab) Collection/Transport System or other suitable system
<b>Specimen Labeling</b>	Patient name, DOB, Collection date and NPI
<b>Packaging and Shipping Instructions and Handling</b>	-Insert NP swab in E-swab transport medium and ship at 2-8°C (not frozen) within 24 hours of collection to the laboratory. -Ship cultures in Reagan-Lowe medium (cushioned in a vertical position) at 15-30°C within 48 hours of growth to the laboratory. -Include paperwork with specimens but separate them physically
<b>Test Methodology</b>	Real Time-PCR, culture, MALDI-TOF, sequencing
<b>Turnaround Time</b>	3 days
<b>Result Indicator</b>	Qualitative: PCR positivity and/or culture positivity results for <i>B. pertussis</i> , <i>B. parapertussis</i> or <i>B. holmesii</i> .
<b>Unsatisfactory Specimen</b>	Not at correct temperature upon arrival at laboratory No patient identification on sample Names on sample and requisition slip do not match Specimens damaged or leaked in transit
<b>Interferences and Limitations</b>	Not at correct temperature upon arrival at laboratory. <b>Note:</b> Culture alone have low sensitivity compared to PCR. This assay has been validated for nasal respiratory specimens. Other specimen types may be tested only by special request from the state of Florida epidemiologists
<b>Additional Information &amp; Notes</b>	Transport media (Amies E-Swab) may be requested from the BPHL Microbiology lab Use only nylon tipped swabs with flexible shafts Please confirm information with the testing laboratory There is no restriction for provider to submit specimens for primary testing to BPHL There is also no requirement for testing lab to submit positive sample to BPHL for confirmation
<b>Reference Range</b>	Negative-positive
<b>Reference Lab</b>	CDC
<b>Reflex testing</b>	WGS if culture is viable