Bordetella pertussis DNA  
LABP000573

Effective 12/15/2015, the Molecular Pathology Laboratory will begin offering Bordetella pertussis DNA testing by PCR on nasopharyngeal (NP) swab specimens. Testing will be performed using the FDA-cleared Quidel AmpliVue Bordetella Assay. This in vitro diagnostic test is indicated for use in the qualitative detection of Bordetella pertussis nucleic acid isolated from NP swab specimens obtained from patients suspected of having respiratory tract infection attributable to Bordetella pertussis. This test has improved sensitivity over culture methods and may provide accurate results for up to 4 weeks post-cough onset in infants or unvaccinated persons. Bortedella testing is performed separately from Respiratory Viral Panel (RVP) testing and must be ordered separately.

SAMPLE REQUIREMENTS:

**Collect:**  
NP swab specimen placed in Universal Transport Medium (UTM)  
SWAB collection kit information:  
DESCRIPTION: Swab UTM-RT (Universal Transport Media)  
CAL CODE: 51001423  
MANUFACTURER #: Diagnostic Hybrids #403C

**Transport:**  
Store and transport in UTM at room temperature or refrigerated at 2-8°C

**Storage:**  
Specimen in UTM stable at ambient temperature for up to 7 days

**RESULTS:**  
Results will be reported electronically in EMR as one of the following:
- Positive for Bordetella pertussis
- Negative for Bordetella pertussis

**PERFORMED:**  
Daily (Monday-Friday). Weekend testing performed during Flu season.

If you have questions or need additional information please contact Laboratory Client Services at 734-7373 or email: pathologyclientservices@ucdm.ucdavis.edu.