

# BORDETELLA PERTUSSIS INVESTIGATION

## Orderable - PERTPCR

Turnaround Time: 3-5 days

### Alternate Name(s):

Whooping Cough  
Pertussis

### Specimen Type and Collection Information:

Collect specimens during the early phase of the disease and prior to antimicrobial therapy.



**Laboratory:**  
Microbiology



**Requisition:**  
Electronic Order





**Method of Analysis:**  
PCR (Polymerase Chain  
Reaction)



**Test Schedule:**  
Tested once a day  
Monday to Friday.

Requests for expedited testing in critical cases must be discussed with Microbiologist on-call.

Specimen Type	Collection Information	Collection Device
Nasopharyngeal swabs	Insert flexible, fine-shafted swab into nasopharynx, rotate in circular manner to collect cellular material. Place swab in Viral Transport Media (VTM).	
Nasopharyngeal aspirate	Using mucous collection device, insert appropriately sized catheter nasally into posterior nasopharynx. Apply suction, using intermittent suction as catheter is withdrawn. If necessary use small amount of viral transport media to wash sample out of tubing. Transfer aspirated sample to a sterile container.	

**In General:** Swabs contained in the Viral Transport Kit (VTM) should be used for collection.

### Storage and Shipment:

**All specimen types:** must be received within 24 hours and should be stored at 4°C as soon as possible following collection. If the transport time exceeds 24 hours, the specimen will only be tested if appropriate.