

Reporting Title: Bordetella, PCR, Varies**Performing Location:** Rochester**Necessary Information:**

Specimen source is required.

Specimen Requirements:

The high sensitivity of amplification by polymerase chain reaction (PCR) requires the specimen to be processed in an environment in which contamination of the specimen by Bordetella pertussis or Bordetella parapertussis DNA is unlikely.

Submit only 1 of the following specimens:

Preferred:

Specimen Type: Nasopharyngeal swab

Supplies:

Culture Swab - Liquid Stuarts/Single Swab (NP Swab) (T515)

Container/Tube: Rayon swab with an aluminum shaft placed in transport medium such as a green-top nasopharyngeal swab (rayon mini-tip) with Stuart's media (no charcoal), or Stuart's media with charcoal, or Amies media with or without charcoal (Transwab Nasopharyngeal with Charcoal System).

Additional Information:

1. Swab transport containers without charcoal must contain a pledget saturated with either Stuart's or Amies liquid media. Clear semi-solid/solid media is gel and will be rejected.
2. Other swab or media types may be inhibitory to PCR testing and will be rejected.

Acceptable:

Specimen Type: Nasopharyngeal (not throat) aspirate/wash or nasal aspirate/wash

Container/Tube: Sterile container with a screw top cap (no transport media)

Specimen Volume: Entire collection

Specimen Minimum Volume:

0.5 mL

Forms:

If not ordering electronically, complete, print, and send a Microbiology Test Request (T244) with the specimen.

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated (preferred)	7 days	
	Ambient	7 days	

	Frozen	7 days	
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Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
BPRPV	BPRS	Specimen source: <ul style="list-style-type: none">• Nasopharyngeal swab• Nasal aspirate/wash• Nasopharyngeal aspirate/wash	Answer List	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
BPRS	Specimen source	Alphanumeric		31208-2
618312	Bordetella pertussis PCR	Alphanumeric		43913-3
618313	Bordetella parapertussis PCR	Alphanumeric		42588-4

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

87798 x 2

87999 (if appropriate for government payers)

Reference Values:

Not applicable