

Test Definition: BPRPV

Bordetella pertussis and Bordetella parapertussis, Molecular Detection, PCR, Varies

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

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	

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	Answer List	Yes

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parapertussis, Molecular Detection, PCR,
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		• Nasal aspirate/wash		
		• Nasopharyngeal aspirate/wash		

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