


Bordetella pertussis/parapertussis DNA, Qualitative Real-Time PCR

Order Name: **BOR P PCR**
Test Number: **5568100**
Revision Date: 10/01/2022

| TEST NAME | METHODOLOGY | LOINC CODE |
|-------------------------------------|----------------------------------|------------|
| Bordetella pertussis DNA | <u>Polymerase Chain Reaction</u> | 23826-1 |
| Bordetella parapertussis DNA | <u>Polymerase Chain Reaction</u> | 29723-4 |

| SPECIMEN REQUIREMENTS | | | | |
|-----------------------|---|-------------------|--|-----------------------|
| Specimen | Specimen Volume (min) | Specimen Type | Specimen Container | Transport Environment |
| Preferred | See Instructions | Swab | Flocked Flexible Mini-Tip Nasopharyngeal Swab | Refrigerated |
| Alternate 1 | See Instructions | Nasal Wash | Sterile Screwtop Container | Refrigerated |
| Instructions | <p>USE ONE OF TWO COLLECTION METHODS: 1) Universal Transport Media (UTM) with mini-Flocked Swab (Comes as a kit: Supply# 50775). Collect a nasopharyngeal specimen leaving the swab in place for a few seconds to absorb secretions. Swab both nostrils and place swab immediately into a single sterile common UTM container. - KEEP REFRIGERATED (Alternate Swab: AMIES Blue Cap Swab in UTM - Refrigerated.)</p> <p>2) Nasopharyngeal Aspirates (Collect in the Physician's office): Flush each nostril with 1mL to 1.5ml of Nonbacteriostatic Saline (pH 7.0) - Collect the drainage from each nostril into a common sterile container. - KEEP REFRIGERATED</p> <p>Caution: DO NOT use Calcium Alginate Swabs or ESwabs as they will inhibit PCR testing. DO NOT put Swabs in Charcoal Transport Media.</p> <p>Specimen Stability: Nasopharyngeal swab Room temperature: 7 Day, Refrigerated: 7 Day, Frozen: 30 Day</p> <p>Nasopharyngeal aspirate Room temperature: 48 Hour, Refrigerated: 8 Day, Frozen: 30 Day</p> | | | |

| GENERAL INFORMATION | |
|----------------------------|---|
| Testing Schedule | Mon, Wed, Fri |
| Expected TAT | 2-3 days |
| Notes | Bordetella pertussis is the cause of whooping cough that may occur in unimmunized individuals. B. parapertussis is a related organism that causes a similar but milder disease. Laboratory diagnosis may require both culture and serological confirmation although culture is difficult. |
| CPT Code(s) | 87798x2 |
| Service Provided By |  labcorp Oklahoma, Inc. |