

WYOMING PUBLIC HEALTH LABORATORY

BORDETELLA PERTUSSIS PROTOCOL

DIRECTIONS FOR COLLECTION AND SUBMISSION OF SPECIMENS FOR BORDETELLA PERTUSSIS

Materials needed for specimen collection:

*One NPG Collection and transport System Bacti Swab

1. Label swab sheath with the patient name.
2. Obtain nasopharyngeal specimen by passing swab through the nose until it touches the posterior nasopharynx. This technique should initiate a cough. Allow the swab to remain for a few seconds after the cough.
3. Replace swab in sheath, fold the sheath and swab in half, place into biohazard bag, and insert specimen into the aluminum mailing container and cap.
4. Fill out the laboratory requisition slip, place inside cardboard mailer, cap and transport immediately to the Wyoming Public Health Laboratory.
5. If you wish to submit a nasal aspirate, the specimen should be sent on cold packs within 24 hours of collection. Please contact the laboratory prior to submission of aspirates.

NOTE: Only supplies provided in this kit should be used for testing. Other types of swabs may inhibit PCR analysis. Positive PCR results will be phoned to submitter when completed.

Clinical Case definition: A cough illness lasting at least 2 weeks with one of the following: paroxysms of coughing, aspiratory "whoop," or post-tussive vomiting, without other apparent cause (as reported by a health professional).

Confirmed Case: A case that is culture positive and in which an acute cough illness of any duration is present; or a case that meets the clinical case definition and is confirmed by positive PCR; or a case that meets the clinical case definition and is epidemiologically linked directly to a case confirmed by either culture or PCR. (Reference: CDC Case Definitions for Reportable Diseases).