

New Test Available
Parainfluenza Virus (1, 2, 3) RT-PCR

We are pleased to announce a new service for our healthcare providers. Starting August 24, 2010, Parainfluenza Virus detection and typing will be performed at the Core lab using an FDA-approved multiplex real-time RT-PCR test.

CLINICAL INFORMATION: Human Parainfluenza viruses (HPIVs) are the second leading causative agents of lower respiratory tract infections in infants and young children. Re-infections with HPIVs are common throughout life, especially in elderly and immunocompromised patients.

This assay detects and differentiates between HPIV-1, HPIV-2 and HPIV-3. HPIV-1 and HPIV-2 are the leading causes of croup in children, while HPIV-3 is more often associated with bronchiolitis and pneumonia.

METHODOLOGY: Multiplex Real Time PCR (RT-PCR)

SPECIMEN COLLECTION: To obtain nasopharyngeal swab samples:

1. Insert a flexible-shaft polyester, rayon or nylon tipped swab with a dry tip into one nostril and into the nasopharyngeal area.
2. Press the swab gently against the nasopharyngeal wall to allow the swab to absorb secretions.
3. Rotate the swab 2-3 times and withdraw it.
4. Place the swab into a tube containing 3 mL of viral transport medium (Remel M4RT).
5. Break off the shaft of the swab and cap the tube.
6. Specimens are stable for 72 hours if stored refrigerated.

PRODUCTION SCHEDULE: Monday through Saturday

REFERENCE RANGE: Not detected

SOFT ORDER CODE: PINF

CPT CODE: 87798 x 3

For further test information, please contact our client services department (800) 937-5521