Detection of Respiratory Infections by PCR

**Influenza A/B with 2009 H1N1**
- Sensitive detection of Influenza A and B with H1N1 subtyping.
- Sample types: Nasal Washes (0.5 cc) or Nasopharyngeal Swab (Red-top eSwab).
- Performed on the GeneXpert System by real time PCR (FDA approved)
- Turnaround time 24 hours

**Respiratory Viral Panel (RVP)**
- Detection of the following respiratory viruses:
  - Influenza A subtype H1 and H3
  - Influenza B
  - Respiratory Syncytial Virus (RSV) subtype A and B
  - Parainfluenza (PIV) 1, 2, and 3
  - Human Metapneumovirus (hMPV)
  - Rhinovirus
  - Adenovirus
- Viral detection important in pediatric and immune-compromised populations
- Sample types: Nasal Washes (0.5 cc) or Nasopharyngeal Swab (Red-top eSwab).
- Performed on Luminex (FDA approved)
- Turnaround time 24 hours

**Mycoplasma pneumonia**
- Sample types: Nasal Washes (0.5 cc) or Nasopharyngeal Swab (Red-top or Blue-top eSwab).
- BayCare Laboratories validated real time PCR test
- Turnaround time 24 hours

**Bordetella pertussis/parapertussis**
- Identification of infection with *Bordetella pertussis* causing whooping cough
- Differentiation from less severe *parapertussis*
- PCR more sensitive and faster test than culture
- Sample types: Nasal Washes (0.5 cc) or Nasopharyngeal Swab (Blue-top eSwab).
- BayCare Laboratories validated real-time PCR test
- Turnaround time 24 hours

For more information, please call (800) 324-7853.