#### **CONTACT US IF YOU HAVE ANY QUESTIONS**



Phone 323.747.7509 |Fax 512.727.4044 www.discover-labs.com contact@discover-labs.com

# RESPIRATORY PATHOGEN PANEL

Discover Labs is a high-complexity, CLIA accredited laboratory that helps clinicians and health care providers identify the pathogens and underlying causes of disease quickly and precisely. We believe the highest quality care is achieved through fast, accurate and reliable laboratory results.

#### Discover Labs' comprehensive Respiratory Pathogen Panel provides results faster, making data more relevant and reliable.

Same day results for nasal swab PCR detection of flu and other respiratory viruses, as well as bacterial and fungal infections, and antibiotic resistant markers.

## Polymerase Chain Reaction (PCR) - Molecular Technology

- Diagnosis based on the detection of specific DNA strands
- Identifies antimicrobial resistance markers
- Identifies Fungi
- Detects polymicrobial infections

### Now you can provide patients the quickest and most accurate diagnosis possible.

- Results are posted the same day the lab receives the sample
- Virtually no "contaminated" results
- Decreased progression of infection & reduced healthcare costs
- Improves antibiotic stewardship
- Enhances the ability to appropriately assess and manage infections

#### **Pathogens Detected**

Adenovirus

B. holmesii

B. bronchiseptica

B. pertussis

B. parapertussis

**Bocavirus** 

C. burnetti

C. pneumoniae

H. influenzae (Type A)

H. influenzae (Type B)

hMPV A/B

**Human Coronavirus** 

- 229E

- HKU1

- MERS

- NL63

- OC43

- SARS

**Human Enterovirus** 

Human Parechovirus
Human Rhinovirus

Influenza A

Influenza A/H1-2009

Influenza A/H3

Influenza B

Influenza C

K. pneumoniae

L. pheumophila

M. catarrhalis

M. pneumoniae

MecA

MRSA

P. jirovecii

RSV A/B

S. aureus

S. pneumoniae

S. pyrogenes

