



# RespiratoryDX™

## Comprehensive Molecular Testing for Respiratory Infections

Respiratory illness is one of the most common reasons for medical visits, yet symptoms alone often cannot identify the cause. RespiratoryDX™ provides rapid, precise detection of respiratory pathogens to support confident clinical decision-making.



### The Challenge:

Respiratory infections often present with overlapping symptoms. Viral and bacterial co-infections are common, making accurate diagnosis difficult and delaying effective treatment.

RespiratoryDX™ provides the clarity needed to guide timely, appropriate care.

### The RespiratoryDX™ Solution

Using advanced molecular technology, RespiratoryDX™ detects multiple respiratory pathogens from a single sample which provides clear, actionable results when they matter most.

### Clinical Value:

- Differentiates viral vs. bacterial infections
- Identifies co-infections
- Detection of *mecA* in *Staphylococcus aureus*
- Supports targeted therapy
- Helps improve patient outcomes and antimicrobial stewardship

### Panel Coverage

Comprehensive detection of 31 respiratory targets:

14 Viruses

17 Bacteria

Methicillin resistance marker (*mecA* gene)



# Comprehensive Respiratory Pathogen Detection

**RespiratoryDX™** provides broad molecular coverage supporting rapid, accurate respiratory infection diagnosis

## **Bacteria**

*Acinetobacter baumannii*  
*Bordetella pertussis*  
*Bordetella parapertussis*  
*Bordetella holmesii*  
*Chlamydia pneumoniae*  
*Enterobacter cloacae complex*  
*Haemophilus influenzae*  
*Klebsiella aerogenes*  
*Klebsiella pneumoniae*  
*Legionella pneumophila*  
*Moraxella catarrhalis*  
*Mycoplasma pneumoniae*  
*Pseudomonas aeruginosa*  
*Serratia marcescens*  
*Staphylococcus aureus*  
*Streptococcus agalactiae* (Group B)  
*Streptococcus pneumoniae*  
*Streptococcus pyogenes* (Group A)

## **Viruses**

Adenovirus  
Bocavirus  
Coronavirus 229E/NL63  
Coronavirus OC43/HKU1  
Epstein–Barr Virus  
Influenza A Virus  
Influenza B Virus  
Metapneumovirus  
Parainfluenza Virus 1  
Parainfluenza Virus 2  
Parainfluenza Virus 3  
Respiratory Syncytial Virus A/B  
Rhinovirus/Enterovirus  
SARS-CoV-2

## **Rapid MRSA Identification**

Detection of *mecA* in *Staphylococcus aureus* enables rapid identification of MRSA and supports selection of appropriate antibiotic therapy.

