



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.

