

Respiratory Disease Diagnostics

Respiratory tract infection and lung diseases are highly prevalent in people due to air pollution, pollen, smoking or random exposure to infected people causing immense health drifts. Molecular diagnostics have revealed high frequency of respiratory viral infections contributing to high clinical evaluations. Thus, high analytical sensitivity, rapidity & multiplexing capacity with increasing affordability marks QRT-PCR kits the priority in diagnostic labs.

Influenza A/B-Q (H1N1&H3N2) Real Time PCR Kit

- Multiplex kit for simultaneous detection & differentiation of Influenza A & Influenza B virus specific RNA along with Internal control
- Targets covered : Influenza A- Matrix protein 2 gene
: Influenza B- Hemagglutinin (HA) gene
: Influenza A- H1N1 & H3N2 (HA) gene

RSV-Q Real Time PCR Kit

Qualitative detection of RSV and differentiation between RSV subtype A and B specific RNA in clinical samples
Target covered: NS1 gene

ParaFlu-Q Real Time PCR Kit

Identification and differentiation of Parainfluenza variants in clinical samples from patients with signs and symptoms of respiratory infection
Target covered: Para1-HN gene; Para2, 3, 4 - NP gene

BP-Q Real Time PCR Kit

Target covered: Bordetella pertussis bacterial strain specific mnmG gene

S. Pneumonia-Q Real Time PCR Kit

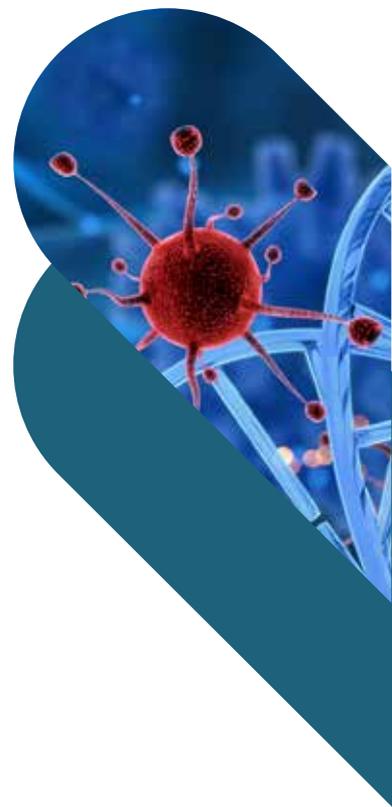
Target covered: Streptococcus pneumonia specific pulA gene

M. Pneumonia-Q Real Time PCR Kit

Target covered: Mycoplasma pneumonia bacterial dnaN gene

LP-MP Multiplex Real Time PCR Kit

Multiplex kit for identification and differentiation of Legionella pneumophila (LP)/ Mycoplasma pneumoniae (MP)
Target covered: LP specific 16S rRNA & MP specific dnaA genes



Adeno-Q Real Time PCR Kit

Singleplex assay for detection of respiratory illness caused by Adenovirus

Target covered: Adenovirus specific E1A gene

MERS-Q Real Time PCR Kit

Detection of Middle East Respiratory Syndrome specific RNA in clinical samples

Target covered: MERS specific ORF1 & upE genes

Measles-Q Real Time PCR Kit

Detection of highly contagious infection of eyes, nose, skin & throat caused by Measles virus

Target covered: P/V/C gene specific RNA from measles virus



RCP-Q Comprehensive Real Time PCR Kit

- Identify and differentiate major causative organisms of respiratory tract infections
- Pathogens covered: Influenza-A/B, Parainfluenza-1/2/3/4, RSV, Enterovirus, Adenovirus, SARS-CoV-2, Bordetella pertussis, Haemophilus influenzae, L. pneumophila, M. pneumonia & S. pneumonia; along with parallel detection of Endogenous control



Sample Source

Nasopharyngeal Swab, Oropharyngeal Swab, Nasal Swab, Throat Swab, Sputum, Respiratory Sputum, Pulmonary, Extra Pulmonary and Bronchoalveolar lavage (BAL)



Sensitivity and Specificity

Quantitative/ Qualitative detection of target specific genes in clinical samples minimizing non-specific reactions and enables the parallel detection of specific genes along with the detection of Internal Control (IC)

Commercial Name	Cat No.	Compatible Instruments
Influenza A/B-Q Real Time PCR Kit	G2M706021	Instruments with FAM, ROX, Cy5, HEX/VIC Channels including ABI Prism®7500 & Quantstudio, BioRad CFX96, Roche Lightcycler, Qiagen Rotor-Gene, etc.
B. Pertussis-Q Real Time PCR Kit	G2M706821	
S. Pneumonia-Q Real Time PCR Kit	G2M706921	
M. Pneumonia-Q Real Time PCR Kit	G2M707721	
Measles-Q Real Time PCR Kit	G2M705721	
LP-MP Multiplex Real Time PCR Kit	G2M707921	
Adeno-Q Real Time PCR Kit	G2M707821	
RSV-Q Real Time PCR Kit	G2M801221	
ParaFlu-Q Real Time PCR Kit	G2M801921	
MERS-Q Real Time PCR Kit	G2M802121	
RCP-Q Comprehensive Real Time PCR Kit	G2M803521	



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