

Human Influenza Virus A/B/Respiratory Syncytial Virus/ SARS-CoV-2 Nucleic Acid Detection Kit (Fluorescence PCR Method)

Symptoms of respiratory viral infection due to SARS-CoV-2, influenza, and the respiratory syncytial virus can be similar and hard to differentiate. A positive result for one disease does not mean you are free from others. Combining multiple tests into one can drive laboratory efficiency and help quickly and accurately diagnose patients.

The Tianlong Human Influenza Virus A/B /Respiratory Syncytial Virus/SARS-CoV-2 Nucleic Acid Detection Kit is intended for the qualitative detection of Influenza A/Influenza B/Respiratory Syncytial Virus (RSV)/SARS-CoV-2 nucleic acid by Real-time reverse transcription Polymerase Chain Reaction method, which can realize differential diagnostics of 4 pathogens from one sample in a single run and facilitate the selection of reasonable treatment options to prevent large-scale outbreaks.

FEATURES



4 in 1 test

Differential diagnostics of 4 pathogens from one sample in a single run, 4 in 1 test for Influenza A/Influenza B/Respiratory Syncytial Virus/Novel Coronavirus



Various Specimen

Nasopharyngeal or oropharyngeal swabs, sputum, bronchoalveolar lavage etc.



High Precision

The precision values of intra and inter Ct values are all < 5%



Good Compatibility

Widely applicable in instruments with FAM, VIC (HEX), ROX (TEXAS RED), Cy5 or more fluorescence channels



More Accessible

CE marked, accessible for more countries

TARGET PATHOGEN

Channels \ Reagents	Group A	Group B
FAM	IFVA	SARS-CoV-2 ORFlab
HEX/VIC	RSV	SARS-CoV-2 N gene
ROX/TEXAS RED	IFVB	
Cy5	IC	IC

ORDERING INFORMATION

Product Name	Human Influenza Virus A/B / Respiratory Syncytial Virus/ SARS-CoV-2 Nucleic Acid Detection Kit (Fluorescence PCR)
Cat.No	P770H
Specification	50T/Kit
Specimen	Nasopharyngeal swab, sputum and alveolar lavage fluid
Sensitivity	500 copies/mL
Precision	< 5%
Target pathogene	Flu-A,Flu-B, RSV, and 2019-nCoV
Storage & Validity	-25°C~-15°C for 12 months
Applicable Equipment	Instruments with FAM, VIC (HEX), ROX (TEXAS RED), Cy5 fluorescence channels, such as Tianlong Real-time PCR Systems, ABI7500 real time PCR systems

ASSAY WORKFLOW



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