

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

Symptoms of respiratory viral infection due to SARS-CoV-2, influenza 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 Influenza A/Influenza B/SARS-CoV-2 Nucleic Acid Detection Kit is intended to be used for the qualitative detection of Influenza A Virus (IFVA), Influenza B Virus (IFVB) and SARS-CoV-2, wherein tube A is used to detect Influenza A Virus and Influenza B Virus, while tube B is used to detect the ORFlab gene and the N gene of the SARS-CoV-2 and then further determine the infection virus type according to the detection results.

FEATURES



3 in 1 test

Differential diagnostics of 3 pathogens from one sample in a single run, 3 in 1 test for Influenza A/Influenza B/SARS-CoV-2



Various Specimen

Nasopharyngeal or oropharyngeal swabs, sputum, bronchoalveolar lavage etc.



High Precision

The precision values of intra and inter Ct values are all $\leq 5\%$



Rapid Detection

Within 65 minutes for PCR detection



More Accessible

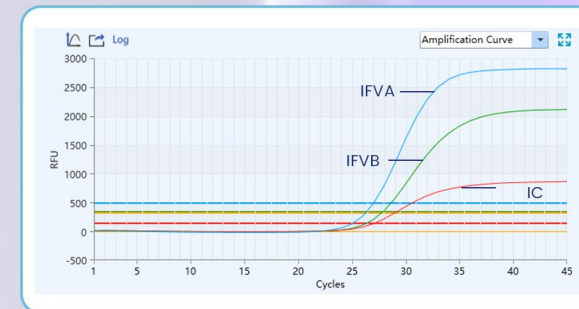
CE marked, accessible for more countries

TARGET PATHOGEN

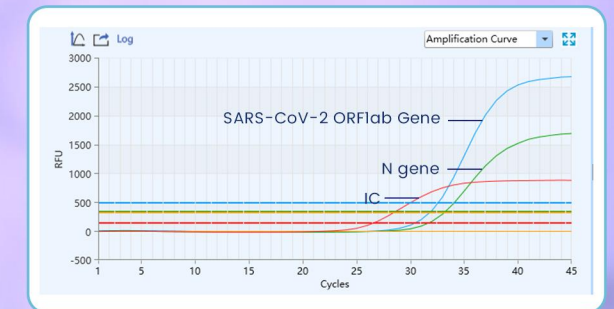
Channels \ Reagents	Tube A	Tube B
FAM	IFVA Gene M(Matrix M1)	SARS-CoV-2 ORFlab gene
VIC (HEX)	IFVB Gene M(Matrix M1)/Gene NS	SARS-CoV-2 N gene
Cy5	IC	IC

DATA INTERPRETATION

Figure: Positive standard amplification curve



Tube A



Tube A

ORDERING INFORMATION

Product Name	Influenza A/Influenza B/ SARS-CoV-2 Nucleic Acid Detection Kit (Fluorescence PCR Method)
Cat.No	P739H
Specification	50T/Kit
Specimen	Nasopharyngeal or oropharyngeal swabs, sputum, bronchoalveolar lavage etc.
Sensitivity	500 copies/mL
Precision	$\leq 5\%$
Target pathogene	IFVA, IFVB and SARS-CoV-2
Storage & Validity	-25°C~-15°C for 12 months
Applicable Equipment	Instruments with FAM, VIC (HEX), Cy5 fluorescence channels, such as Tianlong Gentier Real-time PCR Systems, ThermoFisher ABI 7500 real time PCR systems, ThermoFisher Quant Studio 5, Biorad CFX 96-Touch

ASSAY WORKFLOW

- 1 Sample Collection
- 2 Nucleic Acid Extraction
- 3 PCR Detection
- 4 Analysis and Report



Version 1.0

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