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Influenza A/B Virus RNA Detection Kit

(Fluorescent PCR Method)

Influenza viruses include type A, B, and C, with type A being the most likely to cause epidemics, followed by type B, and type C rarely causing epidemics. This kit is used for the qualitative detection of influenza A virus RNA and Influenza B virus RNA in human oropharyngeal swab samples.

Influenza virus infection can cause headache, fever, body ache, nasal congestion, sore throat, and other symptoms. Influenza A virus can be divided into 16 H subtypes (H1~H16) and 9 N subtypes (N1~N9). H1, H2, H3, H5, H7, and H9 subtypes have reported infection in the human body. Influenza B virus is not classified, but there are mainly two lineages -Yamagata (Y) and Victoria (V).

This kit is suitable for people with influenza virus symptoms or those who have been in close contact with influenza patients.



FEATURES



Differentiation of Flu A and Flu B

Identification and differentiation of Influenza A and Influenza B in respiratory samples from patients with signs and symptoms of respiratory infection



Accurate Performance

Detection of two key genetic loci, MP gene of influenza A virus and NP gene of influenza B virus



Internal Control

The use of internal control system in the kit can effectively prevent false negative results



User-friendly

Widely applicable in instruments with FAM, VIC (HEX), Cy5 fluorescence channels



More Accessible

CE marked, accessible for more countries

DATA INTERPRETATION

Figure 1: Positive standard amplification curve

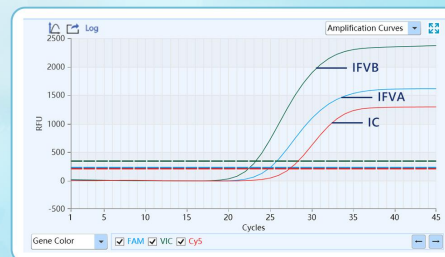


Figure 2: LOD amplification curve

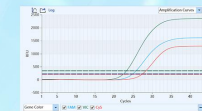


ORDERING INFORMATION

Product Name	Influenza A/B Virus RNA Detection Kit (Fluorescence PCR Method)
Cat.No	P122H
Specification	32T/Kit
Specimen	Oropharyngeal swabs, nasopharyngeal swab, sputum and alveolar lavage fluid
Sensitivity	500 copies/mL
Precision	≤5.0%
Storage & Validity	-25°C~-15°C for 12 months
Applicable Equipment	Instruments with FAM, VIC (HEX), Cy5 channels such as Applied Biosystems™ 7500 Real-Time PCR Systems and Tianlong Gentier Real-time PCR Systems

ASSAY WORKFLOW

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



version 2.0

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