# Influenza A and B Virus Nucleic Acid Test Kit

## (Fluorescent Probe-Based Real-Time PCR Assay)

### Background

Influenza virus is a type of pathogen that can cause acute respiratory infections in humans. It is highly infectious, spreads quickly, has a high morbidity rate and is accompanied by a certain mortality. Influenza A virus and influenza B virus are the two most common influenza viruses, which have caused large-scale epidemics on a global scale many times.


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## Detection significance

1. Early diagnosis and early isolation can be achieved for the infection of the two pathogens, in order to block the transmission of pathogens, and reduce the risk of epidemic transmission.

2. The symptoms caused by influenza A and B virus are similar, the test can help to distinguish the different Influenza types.

## Test principle

Using multiple fluorescent PCR technology to detect the M1 gene of IFA and NS1 gene of IFB from respiratory samples of patients or suspected patients at the same time in one tube, which can be used for the infection of two pathogens early diagnosis.

## Product advantages

- **High Efficiency:** Two pathogens can be detected in one tube at the same time, which greatly improves the detection efficiency;
- **High Specificity:** The result is more reliable without any cross-reaction with other pathogens that cause
- **High Sensitivity:** The detection limit can be as low as 200 copies/mL, and samples with low concentration
- **Reliable Results:** Internal control system is used to monitor the experimental operation process.

## Applicable Equipment

—Applied Biosystems 7500 Real-Time PCR System
—BioRad CFX96 Real-Time PCR System
—Hongshi SLAN 96P PCR System
Etc.

Specimen | Oropharyngeal Swab  Kit size | 50 tests/kit  Shelf life: 9 months

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