

Human Influenza Virus B Genotyping (Yamagata & Victoria) Nucleic Acid Detection Kit

(Fluorescence PCR Method)

Influenza Virus is a highly contagious virus that causes acute diseases mainly through droplets in the air made when infected people cough, sneeze or talk. Influenza B Virus is a seasonal influenza virus that normally can be divided into two lineages: B/Yamagata and B/Victoria.

The Tianlong Human Influenza Virus B Genotyping (Yamagata & Victoria) Nucleic Acid Detection Kit is designed to qualitatively detect Influenza Virus B RNA and the B/Yamagata and B/Victoria lineages using the Real-time RT-PCR method. This kit can aid in the diagnosis and treatment of patients infected by Influenza B Virus and contribute to public health management.

FEATURES

Confidence in Results
Detection of Influenza B Virus by the Real-time RT-PCR method with a high degree of sensitivity and specificity

Differentiate Genotype
Qualitative detection of Influenza Virus B RNA and differentiation of two lineages B/Yamagata and B/Victoria

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

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

More Accessible
CE marked, accessible for more countries

DATA INTERPRETATION

Figure 1: Amplification curve of flu B virus in high concentrations

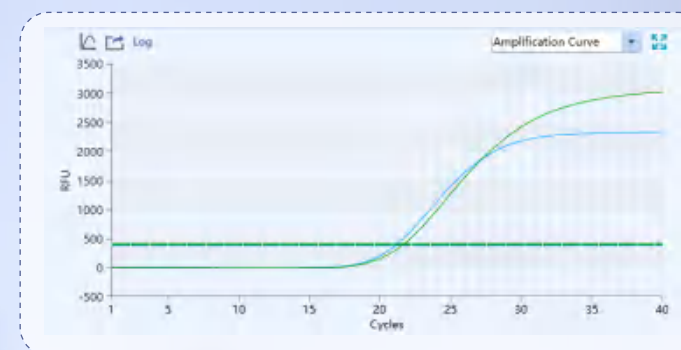
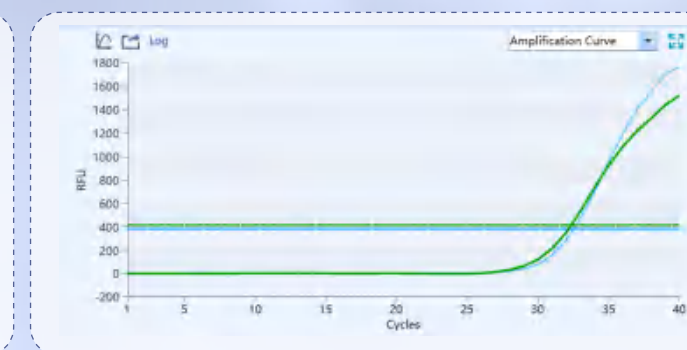


Figure 2: Amplification curve of flu B virus in low concentrations



ORDERING INFORMATION

Product Name	Human Influenza Virus B Genotyping (Yamagata & Victoria) Nucleic Acid Detection Kit (Fluorescence PCR Method)	
Cat.No	P073H	P573H
Specification	25T/Kit	50T/Kit
Specimen	Nasopharyngeal or oropharyngeal swabs	
Sensitivity	500 copies/ mL	
Precision	$\leq 5\%$	
Storage & Validity	$-25^{\circ}\text{C} \sim -15^{\circ}\text{C}$ for 12 months	
Applicable Equipment	Instruments with FAM, VIC (HEX), Cy5 fluorescence channels such as Tianlong Gentier Real-time PCR systems and Applied Biosystems™ 7500 Real-Time PCR Systems	

ASSAY WORKFLOW



Version 1.0

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