

# Herpes Simplex Virus Nucleic Acid Detection Kit

## Fluorescent Probe-Based Real-Time PCR Assay

Herpes simplex virus (HSV) belongs to the  $\alpha$  virus subfamily of the Herpesvirus and is one of the common pathogens in human viral diseases. According to the antigenicity, it can be divided into two serotypes, HSV-I and HSV-II.

The clinical manifestations of the two serotypes are different. HSV-I mainly causes infections above the waist, such as the skin and mucous membranes of the eyes, mouth, and lips, and the central nervous system. HSV- II mainly causes infections of the skin and mucous membranes of the genitals and neonatal infections and is related to female vulvar cancer and the occurrence of cervical cancer. This kit is used for research use only.

### TEST PRINCIPLE

Use polymerase chain reaction (PCR) based on TaqMan fluorescent probe technology to detect HSV-I and HSV-II.



# Product Features

## Multiple Choice

Providing multiple detection products from HSV I to HSV II, HSV I & HSV II.

## Fast Detection

Complete the test within 2 hours.

## Anti Contamination

Minimize PCR contamination with UNG/dUTP system.

## Open System

Suitable for most Real-Time PCR thermocyclers.

## High Specificity

No reaction with other pathogens causes similar symptoms or pathogens in the same infection sites.

## Recommended Thermal Cyclers

- Applied Biosystems™ 7500 Real-Time PCR System
- Stratagene MX 3000P /3005P Real-Time PCR System
- BioRad CFX96 Real-Time PCR System
- Hongshi SLAN-96P Real-Time PCR System
- Other Real-Time Thermal Cyclers which could detect FAM, VIC(HEX) , ROX and CY5 simultaneously.

## Nucleic Acid Extraction

- Magnetic Bead Method

## Storage Condition

- - (20±5)°C
- 12 months

# Ordering Information

Cat No.	Product Name	Specification
S073T050B0C0	Herpes Simplex Virus Type I and Type II Typing Nucleic Acid Detection Kit	50 Tests/Box
S074T050B0C0	Herpes Simplex Virus Type II (HSV-II) Nucleic Acid Test Kit	50 Tests/Box
S075T050B0C0	Herpes Simplex Virus Type I (HSV-I) Nucleic Acid Detection Kit	50 Tests/Box