

Herpes Simplex Virus (HSV) II Nucleic Acid Detection Kit

(Fluorescence PCR Method)

Herpes simplex belongs to the subfamily of the herpesvirus family, and the size of the virus plasmid is about 180nm. The HSV genome is approximately 152kb, with 34 genes, encoding more than 70 polypeptides. HSV II mainly causes genital infections below the waist and transmits through sexual contact.

The kit is for the qualitative detection of HSV II nucleic acid in male urethral swab samples or female cervical swab samples. It is suitable for the auxiliary diagnosis of HSV II. The test results of this kit are for clinical reference only and cannot be used as the basis for diagnosis or exclusion of cases.



FEATURES



Reliable Detection

Qualitative detection of HSV II nucleic acid in male urethral swab samples or female cervical swab samples



High Precision

The coefficient of variation (CV%) of Ct value should be no more than 5%



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) fluorescence channels



More Accessible

CE marked, accessible for more counties

DATA INTERPRETATION

Figure 1: HSV amplification curve

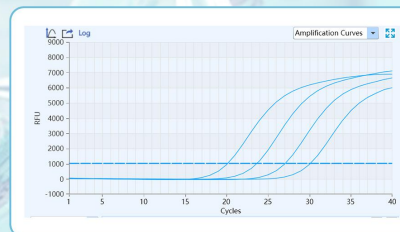
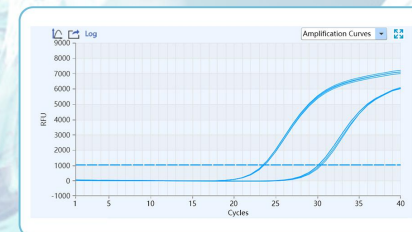


Figure 2: High concentration and low concentration HSV repetitive amplification curve



HSV II positive standard: If the Ct value of FAM channel ≤ 38.0 , the sample is considered to be HSV II positive.

ORDERING INFORMATION

Product Name	Herpes Simplex Virus (HSV) II Nucleic Acid Detection Kit (Fluorescence PCR Method)	
Cat.No	P106H	P176H
Specification	32T/Kit	96T/Kit
Specimen	Male urethral swab samples or female cervical swab samples	
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, HEX/VIC fluorescence channels such as ABI7500 real time PCR systems, Tianlong Gentier Real-time PCR Systems	

ASSAY WORKFLOW

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



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