

EB Virus Nucleic Acid Detection Kit

(Fluorescent PCR Method)

EBV belongs to the genus of herpesvirus gamma subfamily Lymphocytovirus, also known as human herpesvirus type 4. It's one of the most common viruses to infect people around the world.

EBV spreads most commonly through bodily fluids, especially saliva. So it is also known as "the kissing disease". It's very rare for the disease to spread through blood or other bodily fluids. Diseases caused by EBV include infectious mononucleosis, African childhood lymphoma (Burkitt lymphoma), and nasopharyngeal carcinoma.

The kit is used for in vitro quantitative detection of EBV nucleic acid in human whole blood samples. It is suitable for the auxiliary diagnosis of EBV infection. The test results of this kit are for clinical reference only and cannot use as the basis for diagnosis or exclusion of cases.



FEATURES



Reliable EBV Viral Load Monitoring

Detection and quantification of Epstein-Barr Virus (EBV also known as Human herpesvirus 4) specific DNA



Accurate EBV Viral Load Quantification

Accurate EBV viral load quantification over a wide linear range, the linear correlation coefficient of quantitative detection for 4 quantitative standards is $|r| \geq 0.98$



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 countries

DATA INTERPRETATION

Figure 1: Gradient concentration EB amplification curve

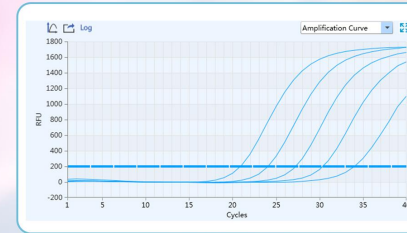
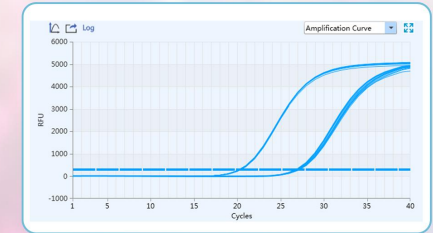


Figure 2: High concentration and low concentration EB repetitive amplification curve



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

ORDERING INFORMATION

Product Name	EB Virus Nucleic Acid Detection Kit (Fluorescence PCR method)	
Cat.No	P110H	P177H
Specification	32T/Kit	96T/kit
Specimen	Whole blood	
Linearity	$ r \geq 0.98$	
Sensitivity	500 copies/mL	
Precision	$\leq 5\%$	
Storage & Validity	-25°C~-15°C for 12 months	
Applicable Equipment	Instruments with FAM, VIC (HEX) fluorescence channels such as ABI7500 real time PCR systems and Tianlong Gentier Real-time PCR Systems	

ASSAY WORKFLOW

