

Hepatitis C Virus (HCV) Nucleic Acid Detection Kit

(Fluorescence PCR Method)

This kit is used for the quantitation of hepatitis C virus (HCV) in Human serum samples. HCV, a positive-sense single-stranded RNA virus, can cause both acute and chronic infection. The HCV DNA quantitative detection technology makes us understand the infectivity and in vivo replication more directly. The positive result of HCV-RNA is the most reliable indicator of replication and an important indicator of infection state and therapeutic effect.

This kit is only used for monitoring the level of HCV replication and is applicable for patients with hepatitis C who receive antiviral therapy. It cannot be used for blood screening. The result should not be used as the sole criterion for disease evaluation. It should be used in conjunction with clinical manifestation and other detection methods for comprehensive disease evaluation.

FEATURES



Wide Coverage

Concurrently detects HCV 1/1a/1b/2/2a/2b/3



High Sensitivity

Lower limit of detection is 30IU/ml, limit of quantitation is 50IU/ml



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 and VIC channels



High Precision

The coefficient of variation of the Ct values (CV%) is less than 5%

SPECIFICITY

PCR specificity has been evaluated on various viruses and bacteria. This kit can concurrently detect HCV 1/1a/1b/2/2a/2b/3, and has no cross reaction with other pathogens.

	Strain	Tianlong Hepatitis C Virus (HCV) Nucleic Acid Detection Kit (Fluorescence PCR Method)
Specificity	Viruses: Hepatitis B virus(HBV), Hepatitis E virus(HEV), Human herpes virus-type4(EB), Human cytomegalovirus (HCMV), Hepatitis A virus(HAV), Herpes simplex virus type 1(HSV-1), Herpes simplex virus type 2(HSV-11)	Not detected
	Bacteria: Mycobacterium tuberculo- sis(TB), Candida albicans and Staphy- lococcus aureus	Not detected

ORDERING INFORMATION

Product Name	Hepatitis C Virus (HCV) Nucleic Acid Detection Kit(Fluorescence PCR Method)	
Cat.No	P100H	
Specification	32T/Kit	
Specimen	Serum	
Storage & Validity	-25°C∼-15°C for 12 months	
Applicable Equipment	Instruments with FAM and HEX/VIC channels, such as ABI7500 real time PCR systems.	

ASSAY WORKFLOW

1 Sample Collection 2 Nucleic Acid

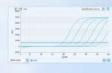
3 PCR Detection

4 Analysis and Report









Version 3.0

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