

HBV Genotyping Detection Kit

(Fluorescence PCR Method)

Tianlong HBV Genotyping Detection Kit is used for differentiating the hepatitis B virus (HBV) B, C, D in the sample of human serum. HBV is divided into 8 genotypes (A~H). Type B, C, D of HBV can be divided into five subtypes, that is C1 ~C5, B1~B5, and D1~D5. Different genotype has different clinical manifestation and pathogenicity.

Tianlong HBV Genotyping Detection Kit can be used in the auxiliary diagnosis of HBV and is suitable for patients with chronic HBV infection. The result should not be used as the sole criterion for therapeutic. It should be used in conjunction with clinical manifestation and other detection methods for comprehensive disease evaluation.

FEATURES



Genotype Differentiation

Individual genotype reporting of B, C, D of HBV, the most common disease-causing pathogen



High Sensitivity

The limit of detection for Type B/C/D HBV is 500copies/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 HEX/VIC channels



High Precision

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

ORDERING INFORMATION

Product Name	HBV Genotyping Detection Kit (Fluorescence PCR Method)	
Cat.No	P119H	
Specification	32T/Kit	
Specimen	Serum	
Storage & Validity	-25°C∼-15°C for 12 months	
Applicable Equipment	icable Equipment Instruments with FAM and HEX/VIC channels, such as ABI7500 real time PCR systems, Tianlong Gentier real time PCR systems	

SPECIFICITY

PCR specificity has been evaluated on various viruses. This kit can report individual genotype of B, C, D of HBV, and has no cross reaction with other pathogens.

	Strain		Tianlong HBV Genotyping Detection Kit (Fluorescence PCR Method)
	Specificity	Hepatitis A/C/E virus	Not detected
		HBV Genotyping A/E/F/G/H	Not detected

ASSAY WORKFLOW

1 Sample Collection 2 Nucleic Ac

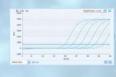
3 PCR Detection

4 Analysis









Version 3.0

All rights reserved by Tianlong. May 20, 2023









Tianlong Science and Technology

Mail: inquiry@medtl.com Phone: 86 029 82682132 Website:www.medtl.net Address: No. 4266 Shanqlin Road, Xi'an, China