

# 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	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

