



# Test Definition: FHBG

Hepatitis B Virus Genotyping

## Overview

### Method Name

Polymerase Chain Reaction/Sequencing

### NY State Available

Yes

## Specimen

### Specimen Type

Plasma EDTA

### Specimen Required

[Specimen Type: Plasma](#)

**Collection Container/Tube:** EDTA (lavender or pink top)

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 2 mL Plasma

#### Collection Instructions:

1. Centrifuge and aliquot 2 mL plasma into a plastic vial.
2. Send frozen.

**Additional Information:** This test may be unsuccessful if the HBV Viral load is less than log 3.0 or 1000 IU/mL of plasma.

### Specimen Minimum Volume

Plasma: 0.5 mL

### Reject Due To

Thawing:	Cold OK; Warm OK
Heparinized specimens	Reject

### Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Plasma EDTA	Frozen (preferred)	42 days	
	Ambient	72 hours	
	Refrigerated	7 days	

## Clinical & Interpretive

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**Clinical Information**

Refer to <https://ltd.aruplab.com/>

**Reference Values**

Not detected

**Interpretation**

Both the HBV RT polymerase and the HBsAg encoding regions are sequenced. Resistance and surface antigen mutations are reported. In addition, the major HBV genotypes are identified. Mutations in viral sub-populations below 20% of total may not be detected.

**Cautions**

This test may be unsuccessful if the HBV Viral load is less than log 3.0 or 1000 IU/mL of plasma.

**Performance****PDF Report**

No

**Day(s) Performed**

Tuesday, Friday

**Report Available**

10 to 21 days

**Performing Laboratory Location**

ARUP Laboratories

**Fees & Codes****Fees**

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

**Test Classification**

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purpose.

**CPT Code Information**

87912

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**LOINC® Information**

Test ID	Test Order Name	Order LOINC® Value
FHBG	Hepatitis B Virus Genotype	32366-7

Result ID	Test Result Name	Result LOINC® Value
Z3195	Hepatitis B Genotype	32366-7
Z3196	HBV Surface Antigen Mutations	32366-7
Z3197	HBV RT Polymerase Mutations	Unable to Verify