MAYO CLINIC LABORATORIES

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

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 determine 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