

Hepatitis B Quantitative Viral Load, PCR

Order Name: **HEP B PCR**

Test Number: 5592525

Revision Date: 12/12/2022

| TEST NAME | METHODOLOGY | LOINC CODE |
|--|---------------------------|------------|
| Hepatitis B Quantitative Viral Load, PCR | Polymerase Chain Reaction | |

| SPECIMEN REQUIREMENTS | | | | |
|-----------------------|--|---------------|---------------------|-----------------------|
| Specimen | Specimen Volume (min) | Specimen Type | Specimen Container | Transport Environment |
| Preferred | 3mL (2.5mL) | Plasma | EDTA (Lavender Top) | Frozen |
| Alternate 1 | 3mL (2.5mL) | Serum | Clot Activator SST | Frozen |
| Instructions | Preferred Specimen is 5 mL (2.5 mL) Plasma or Serum from EDTA (Lavender Top) or Clot Activator SST Centrifuge specimen and separate plasma or serum from cells within 6 hours of collection and freeze. Stability: Freshly drawn specimens whole blood may be held at 2 to 30°C for up to 6 hours prior to centrifugation. Serum or plasma specimens may be stored frozen at -20°C or lower for up to 60 days. Avoid multiple freeze/thaws. | | | |

| GENERAL INFORMATION | |
|---------------------|---|
| Testing Schedule | Wed |
| Expected TAT | 7-10 Days (depending upon time of receipt of specimen) |
| Clinical Use | Quantitates Hepatitis B Virus DNA down to 0.01 pg/mL for establishment of a baseline and to monitor viral load. The most important test for determining the efficacy of antiviral treatment is quantitative HBV DNA monitoring. HBV DNA testing is useful in detecting potential disease transmission from prospective donors and for post-transplantation monitoring. Although HBeAg is considered an indirect monitor of viral replication, high viral replication may occur without circulating HBeAg, due to mutations of the virus preventing the production of HBeAg. |
| CPT Code(s) | 87517 |
| Lab Section | Molecular Diagnostic |