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COLLEGE of AMERICAN PATHOLOGISTS

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Tests you can trust

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NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : HBV QUALITATIVE PCR

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	RESULT
HEPATITIS B VIRUS (HBV) QUALITATIVE PCR	NOT DETECTED

Interpretation

Not Detected	HBV DNA was not detected in the patient specimen or less than detection limit
Detected	HBV DNA detected in the patient specimen

The performance of this test has been validated at Department of Molecular Biology Laboratory, Thyrocare Technologies Limited, Navi Mumbai.

Indications

HBV PCR has diagnostic utility in patients who have inconclusive serology results especially in cases of chronic hepatitis B infection and in HBV carriers.

Methodology

HBV detection by polymerase chain reaction (PCR) is based on the amplification of specific regions of the HBV genome. In real Time PCR the amplified product is detected via fluorescent dyes.

Clinical significance

1. Detection of HBV DNA in human plasma/Serum of patients with hepatitis B infection and in HBV carriers.
2. Lower detection limit of the assay is 150 IU/ mL.

Limitation of the assay

1. Presence of PCR inhibitors may interfere with PCR amplification.
2. This test is not intended for use in the monitoring disease progression and response to treatment.

Disclaimer

1. This test is intended for use in conjunction with clinical presentation and other laboratory markers.
2. Improper specimen collection, handling, storage and transportation may results in false negative results.
3. The report represents only the specimen received in laboratory.

References

1. WHO guidelines on Hepatitis B and Hepatitis C testing. Geneva:World Health Organization; 2017.
2. AltoStar® HBV PCR Kit 1.5 Instructions for Use.

~~ End of report ~~

Dummy Report

Sample Collected on (SCT) : Sample collection time
Sample Received on (SRT) : Sample receiving time at Lab
Report Released on (RRT) : Report release time
Sample Type : EDTA
Labcode :
Barcode :

Doctor 1 Sign Doctor 2 Sign