

Client**Ankita Collection Centre (Marauli)**

Manduadih Mehrauli Road, Near Kashi
Gomti Sanyukt Bank, Varanasi, UP-221108

Processed By**Pathkind Diagnostic Pvt. Ltd.**

Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mrs. Dummy	Billing Date	:	27/12/2019 15:41:05
Age : 30 Yrs	Sample Collected on	:	27/12/2019 15:45:45
Sex : Female	Sample Received on	:	28/12/2019 15:53:16
P. ID No. : P12001167872	Report Released on	:	02/01/2020 18:39:58
Accession No : 120019105065	Barcode No.	:	7059947
Referring Doctor : DR.KUMAR BHASKAR			
Referred By :			

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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MOLECULAR DIAGNOSTIC

# * Hepatitis B Viral Load By Real Time PCR	TND	0 - 12	IU/mL
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Sample: Plasma EDTA

Hepatitis B Viral Load By Real Time PCR

Method : Real Time PCR

Lower detection limit : 12 IU/ml

Quantitation range: 12 to 2,00,00,000 IU/ml

Quantitative result (IU/ml)	Interpretation
TND	Target not detected
< 12	Either HBV DNA not detected or not quantifiable.
12 to 2,00,00,000	HBV DNA detected, quantitative result with the quantitation range.
>2,00,00,000	HBV DNA detected, quantitation not possible since the quantitative result is above the quantitation range.

Clinical Significance :

- Detection of HBV DNA is a useful test in the primary diagnosis of acute hepatitis B (before the appearance of HBsAg), diagnose early acute HBV infection, in patients with indeterminate or ambiguous serologic assays and to distinguish active from inactive HBV infection.
- In patients with HBeAg-negative disease, detection of HBV DNA is the only reliable marker of active HBV replication. HBV DNA levels are detectable by 30 days following infection, generally reach a peak at the time of acute hepatitis, and gradually decrease and disappear when the infection resolves spontaneously.
- HBV quantitation is useful in monitoring the viral loads when the patient is on antiviral therapy. Base line viral load is a good predictor of disease progression. +/-0.5 difference of log 10 value may be considered as clinically significant.
- HBV viral loads should always be used in conjunction with clinical history and other laboratory investigations, such as liver enzymes and liver biopsy (if required).
- Note: Viral load test results may vary from lab to lab. Therefore it is advisable to have the viral load tests done at the same laboratory each time during treatment monitoring so that the results are comparable.

* Marked tests are processed in our companion laboratories

The Test/s market with (#) is are not accredited by NABL 120019105065 Mrs. Dummy



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**** End of Report****

Maneesh Bagai

Dr. Maneesh Bagai

MD (Pathology)
Head - Reference Lab

