

Laboratory Investigation Report

Patient Name	Centre
Age/Gender	OP/IP No
Max ID/Mobile	Collection Date/Time
Lab ID	Receiving Date
Ref Doctor	Reporting Date
Passport No.	

Serology**Hepatitis B Profile HBsAg, HBsAb, HBeAg, HBeAb, HB**

Test Name	Result	Unit	Bio Ref Interval
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Antibodies to HBs, Serum

ECLIA

Anti Hbs Titre	0.1	mIU/mL
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Ref. Range

Non-immune < 10.0

Immune ≥ 10.0

Interpretation

It may be used to monitor the response to Hepatitis B Vaccination or recovery from an acute HBV infection. Anti HBs titre of more than 10 mIU/ml is probable protective.

Certain drugs and clinical conditions are known to alter anti HBs concentration in vivo.



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SIN No:SB1424201, Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017

Booking Centre :1060 - Max Hospital Shalimar Bagh, Max Lab, 0000000000

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Max Lab - A Division of Max Healthcare Institute Ltd.
Max Lab, Max Hospital, Gurgaon
Opposite HUDA City Centre Metro Station, B - Block, Sushant Lok - I, Gurgaon - 122001, Phone: +91-124-6623 000
CIN No.: L72200MH2001PLC322854

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Conditions of Reporting: 1. The tests are carried out in the lab with the presumption that the specimen belongs to the patient name as identified in the bill/test request form. 2. The results are for the information and interpretation by the referring doctor only. 3. Some tests are referred to other laboratories to provide a wider test menu to the customer. 4. Max Healthcare shall in no event be liable for accidental damages loss, or destruction of specimen which is not attributable to any direct and mala fide act or omission of Max Healthcare or its employees. 5. Liability of Max Healthcare for deficiency of services, or other errors and omissions shall be limited to fee paid by the patient for the relevant laboratory services.

MC-2714

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Serology

Hepatitis B Profile HBsAg, HBsAb, HBeAg, HBeAb, HB

Test Name	Result	Unit	Bio Ref Interval
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Hep B Core Antibody-IgM,Serum*

CLIA

Hep B Core-IgM	0.05
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Ref. Range

Non Reactive	< 0.80
Borderline	>= 0.80 - < 1.20
Reactive	>= 1.20

Interpretation

Hepatitis B core specific IgM class antibody is detected in acute infections and is a reliable marker for acute disease.

Hep B Core Antibody-Total,Serum*

CLIA

Hep B Core Value	2.64
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Ref. Range

Positive	0.00 - 0.99	It indicates a reactive sample and the presence of anti-HBc.
Borderline	1.00 - 1.19	It indicates a borderline sample.
Negative	1.20 - 4.79	It indicates a non reactive sample, negative for anti-HBc.

Interpretation

This assay is useful for diagnosis of recent or past hepatitis B Infection.



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Serology

Hepatitis B Profile HBsAg, HBsAb, HBeAg, HBeAb, HB

Test Name	Result	Unit	Bio Ref Interval
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Hepatitis B Surface Antigen, Serum

CLIA

HBsAg	Negative
HBsAg Test Value	0.27

Ref. Range

Negative	< 0.90
Borderline	0.90 - 5.0
Positive	> 5.0

Interpretation

- This test is used to detect hepatitis B surface antigen (HBsAg) in serum sample based on VITROS immunometric immunoassay technique and aid in the laboratory diagnosis of HBV infection.
- Viral hepatitis is a major public health problem with an estimated 257 million persistent carriers of hepatitis B virus (HBV) worldwide. Infection with HBV results in a wide spectrum of acute and chronic liver diseases that may lead to cirrhosis and hepatocellular carcinoma.
- Transmission of HBV occurs by percutaneous exposure to blood products, needle stick injury, sexual contact and perinatally from HBV-infected mothers to baby.
- Hepatitis B surface antigen (HBsAg), derived from the viral envelope, is the first antigen to appear following infection.
- Positive results should be correlated with other potential laboratory abnormalities and clinical picture.
- A negative test result does not exclude the possibility of exposure to or infection with hepatitis B virus.
- Levels of HBsAg may be undetectable both in early infection and late after infection.
- In rare cases HBsAg tests do not detect certain HBV mutant strains.
- HBs Ag disappears with recovery from clinical disease in most patients, however, it persists for years in carriers.



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Hepatitis Be Panel (HBe Ab & HBe Ag),Serum*

CLIA

HBeAb	0.31
HBeAg	0.44

Ref. Range for Hbe Ab & Hbe Ag

Negative < 0.80
Borderline ≥ 0.80 - < 1.20
Positive ≥ 1.20

Interpretation

The presence of HBeAg in serum is a indication of high infectivity for both maternofetal and horizontal transmission of Hepatitis B Virus.

Kindly correlate with clinical findings

*** End Of Report ***



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