





### Laboratory Investigation Report

Patient Name	Centre
Age/Gender	OP/IP No/UHID
MaxID/Lab ID	Collection Date/Time
Ref Doctor	Reporting Date/Time

#### Serology



SIN No:GGN0121634

#### Viral Marker Profile (Elisa)

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

CLIA

HBsAg Test Value 0.05

CLIA

#### 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.

Test Performed at :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block

Booking Centre :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block, 0124662300

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#### HIV I & II\*, Serum

CLIA

HIV (I and II)

CLIA

Negative

#### Interpretation

- 1) A Negative result implies that no Anti HIV-1 or HIV-2 antibodies have been detected in the sample by this method. This means that either the patient has not been exposed to HIV-1 or HIV-2 infection or the sample has been taken during the "WINDOW PERIOD" (before the development of detectable levels of antibodies).
- 2) Positive result suggests the possibility of HIV-1 or HIV-2 infection.

#### Advise:

To rule out false positivity, false negativity and window period, kindly perform "Confirmatory Tests" like HIV I RNA (Qualitative) Real Time PCR.

Kindly correlate with clinical findings

\*\*\* End Of Report \*\*\*



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Senior Resident

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