

Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

| | | | |
|-----------------------|----------------------------------------|--------------------------|------------------------|
| NAME | : Mr. GURMAIL | PATIENT ID | : 1570222 |
| AGE/ GENDER | : 25 YRS/MALE | REG. NO./LAB NO. | : 012408040039 |
| COLLECTED BY | : | REGISTRATION DATE | : 04/Aug/2024 10:35 AM |
| REFERRED BY | : | COLLECTION DATE | : 04/Aug/2024 10:35AM |
| BARCODE NO. | : 01514428 | REPORTING DATE | : 04/Aug/2024 01:25PM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | | |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBALA CANTT | | |

| Test Name | Value | Unit | Biological Reference interval |
|-----------|-------|------|-------------------------------|
|-----------|-------|------|-------------------------------|

IMMUNOPATHOLOGY/SEROLOGY

HEPATITIS C VIRUS (HCV) ANTIBODY: TOTAL

| | | | |
|-------------------------------------------------------------------------------------------------|--------------------|------|--------------------------------------|
| HEPATITIS C ANTIBODY (HCV) TOTAL: SERUM by CMIA (CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY) | 16.28 ^H | S/CO | NEGATIVE: < 1.00 POSITIVE: > 1.00 |
|-------------------------------------------------------------------------------------------------|--------------------|------|--------------------------------------|

HEPATITIS C ANTIBODY (HCV) TOTAL
 RESULT REACTIVE

by CMIA (CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY)

INTERPRETATION:-

| RESULT (INDEX) | REMARKS |
|----------------|------------------------------------------------------|
| < 1.00 | NON - REACTIVE/NOT - DETECTED |
| > =1.00 | REACTIVE/ASYMPTOMATIC/INFECTIVE STATE/CARRIER STATE. |

Hepatitis C (HCV) is an RNA virus of Favivirus group transmitted via blood transfusions, transplantation, injection drug abusers, accidental needle punctures in healthcare workers, dialysis patients and rarely from mother to infant. 10 % of new cases show sexual transmission. As compared to HAV & HBV , chronic infection with HCV occurs in 85 % of infected individuals. In high risk population, the predictive value of Anti HCV for HCV infection is > 99% whereas in low risk populations it is only 25 %.

USES:

- Indicator of past or present infection, but does not differentiate between Acute/ Chronic/Resolved Infection.
- Routine screening of low and high prevalence population including blood donors.

NOTE:

- False positive results are seen in Auto-immune disease, Rheumatoid Factor, HYpergammaglobulinemia, Paraproteinemia, Passive antibody transfer, Anti-idiotypes and Anti-superoxide dismutase.
- False negative results are seen in early Acute infection, Immunosuppression and Immuno— incompetence.
- HCV-RNA PCR recommended in all reactive results to differentiate between past and present infection.




 DR.VINAY CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


 DR.YUGAM CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY)



Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

| | | | |
|-----------------------|----------------------------------------|--------------------------|------------------------|
| NAME | : Mr. GURMAIL | PATIENT ID | : 1570222 |
| AGE/ GENDER | : 25 YRS/MALE | REG. NO./LAB NO. | : 012408040039 |
| COLLECTED BY | : | REGISTRATION DATE | : 04/Aug/2024 10:35 AM |
| REFERRED BY | : | COLLECTION DATE | : 04/Aug/2024 10:35AM |
| BARCODE NO. | : 01514428 | REPORTING DATE | : 04/Aug/2024 12:58PM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | | |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBALA CANTT | | |

| Test Name | Value | Unit | Biological Reference interval |
|-----------|-------|------|-------------------------------|
|-----------|-------|------|-------------------------------|

HEPATITIS B SURFACE ANTIGEN (HBsAg) ULTRA

HEPATITIS B SURFACE ANTIGEN (HBsAg): 0.27 S/CO
 SERUM
 by CMIA (CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY)

NEGATIVE: < 1.0
 POSITIVE: > 1.0

HEPATITIS B SURFACE ANTIGEN (HBsAg) NON REACTIVE
 RESULT
 by CMIA (CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY)

INTERPRETATION:


| RESULT IN INDEX VALUE | REMARKS |
|-----------------------|----------------|
| < 1.30 | NEGATIVE (-ve) |
| >=1.30 | POSITIVE (+ve) |

Hepatitis B Virus (HBV) is a member of the Hepadna virus family causing infection of the liver with extremely variable clinical features. Hepatitis B is transmitted primarily by body fluids especially serum and also spread effectively sexually and from mother to baby. In most individuals HBV hepatitis is self limiting, but 1-2 % normal adolescent and adults develop Chronic Hepatitis. Frequency of chronic HBV infection is 5-10% in immunocompromised patients and 80 % neonates. The initial serological marker of acute infection is HBsAg which typically appears 2-3 months after infection and disappears 12-20 weeks after onset of symptoms. Persistence of HBsAg for more than 6 months indicates carrier state or Chronic Liver disease.

*** End Of Report ***




DR. VINAY CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


DR. YUGAM CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY)

