

LABORATORY TEST REPORT

Name	: Mrs. C SHOBHA RANI		
Sample ID	: B2622933, B2622934		
Age/Gender	: 66 Years/Female	Reg. No	: 0312504210015
Referred by	: Dr. S VASUDEVA REDDY	SPP Code	: SPL-STS-554
Referring Customer	: V CARE MEDICAL DIAGNOSTICS TS	Collected On	: 21-Apr-2025 08:26 AM
Primary Sample	: Whole Blood	Received On	: 21-Apr-2025 12:33 PM
Sample Tested In	: Plasma-NaF(F), Plasma-NaF(PP)	Reported On	: 21-Apr-2025 01:32 PM
Client Address	: Kimtee Colony ,Gokul Nagar,Tarnaka.	Report Status	: Final Report


CLINICAL BIOCHEMISTRY
GLUCOSE POST PRANDIAL (PP)

Test Name	Results	Units	Biological Reference Interval
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Glucose Fasting (F) 87 mg/dL 70-100
 (Method: Hexokinase)

Interpretation of Plasma Glucose based on ADA guidelines 2024

Diagnosis	FastingPlasma Glucose(mg/dL)	2hrsPlasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)
Prediabetes	100-125	140-199	5.7-6.4	NA
Diabetes	> = 126	> = 200	> = 6.5	>=200(with symptoms)

Reference: Diabetes care 2024 Jan (1:47 (suppl.1):S20- S42.

Glucose Post Prandial (PP) 120 mg/dL 70-140
 (Method: Hexokinase (HK))

Interpretation of Plasma Glucose based on ADA guidelines 2018

Diagnosis	FastingPlasma Glucose(mg/dL)	2hrsPlasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)
Prediabetes	100-125	140-199	5.7-6.4	NA
Diabetes	> = 126	> = 200	> = 6.5	>=200(with symptoms)

Reference: Diabetes care 2024 Jan (1:47 (suppl.1):S20- S42.

- Postprandial glucose level is a screening test for Diabetes Mellitus
- If glucose level is >140 mg/dL and <200 mg/dL, then GTT (glucose tolerance test) is advised.
- If level after 2 hours = >200 mg/dL diabetes mellitus is confirmed.
- Advise HbA1c for further evaluation.

*** End Of Report ***



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DR. LAVANYA LAGISETTY
 MD BIOCHEMISTRY

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Referred by	: Dr. S VASUDEVA REDDY	Received On	: 21-Apr-2025 12:33 PM
Referring Customer	: V CARE MEDICAL DIAGNOSTICS TS	Reported On	: 21-Apr-2025 07:05 PM
Primary Sample	: Whole Blood	Report Status	: Final Report
Sample Tested In	: Serum		
Client Address	: Kimtee Colony ,Gokul Nagar,Tarnaka.		



IMMUNOLOGY & SEROLOGY

VIRAL SCREENING

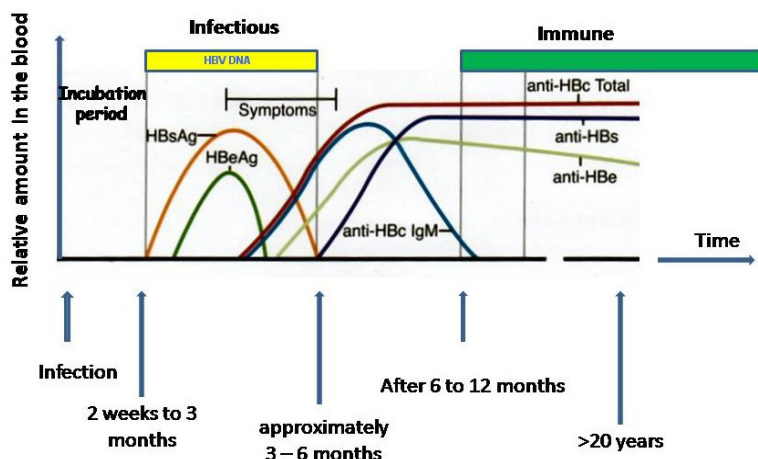
Test Name	Results	Units	Biological Reference Interval
Hepatitis B Surface Antigen (HBsAg) (Method: ELISA)	0.46	S/Co	<1.00 :Negative >1.00 :Positive

Interpretation:

- Negative result implies that antibodies to HBsAg have not been detected in the sample. This means the patient has either not been exposed to HBsAg infection or the sample has been tested during the "window phase" i.e. before the development of detectable levels of antibodies. Hence a Non-Reactive result does not exclude the possibility of exposure or infection with HBsAg.
- Positive result implies that antibodies to HBsAg have been detected in the sample.

Hepatitis B Virus (HBV) is a member of the Hepadna virus family causing infections 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 adolescents and adults develop Chronic Hepatitis. Frequency of chronic HBV infection is 5-10% in immunocompromised patients and 80% in 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 six months indicates development of carrier state or Chronic liver disease.

HBV antigens and antibodies in the blood



Note:

1. All Reactive results are tested additionally by Specific antibody Neutralization assay . For further confirmation Molecular assays are recommended For diagnostic purposes, results should be used in conjunction with clinical history and other hepatitis markers for Acute or Chronic infection

*** End Of Report ***



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[Signature]

DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST

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Referring Customer	: V CARE MEDICAL DIAGNOSTICS TS	Collected On	: 21-Apr-2025 08:26 AM
Primary Sample	: Whole Blood	Received On	: 21-Apr-2025 12:33 PM
Sample Tested In	: Serum	Reported On	: 21-Apr-2025 06:26 PM
Client Address	: Kimtee Colony ,Gokul Nagar,Tarnaka.	Report Status	: Final Report


IMMUNOLOGY & SEROLOGY
VIRAL SCREENING

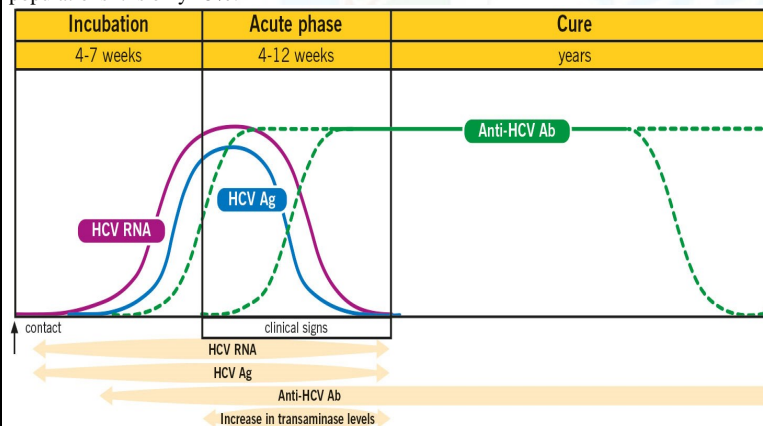
Test Name	Results	Units	Biological Reference Interval
Hepatitis C Virus Antibody (Method: ELISA)	0.21	S/Co	< 1.00 : Negative > 1.00 : Positive

Interpretation:

- Negative result implies that antibodies to HCV have not been detected in the sample. This means the patient has either not been exposed to HCV infection or the sample has been tested during the "window phase" i.e. before the development of detectable levels of antibodies. Hence a Non-Reactive result does not exclude the possibility of exposure or infection with HCV.
- Positive result implies that antibodies to HCV have been detected in the sample.

Comments :-

Hepatitis C (HCV) is an RNA virus of Flavivirus group transmitted via blood transfusions, transplantation, injection drug users, 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 populations, the predictive value of Anti HCV for HCV infection is > 99% whereas in low risk populations it is only 25%.


Note:

- False positive results are seen in Autoimmune diseases, Rheumatoid factor, Hypergammaglobulinemia, Paraproteinemia, passive antibody transfer, Anti- idiotypes & Anti superoxide dismutase
- False negative results are seen in early Acute infection, Immunosuppression & Immuno-incompetence
- HCV RNA PCR recommended in all Reactive results to differentiate between past and present infection

*** End Of Report ***



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IMMUNOLOGY & SEROLOGY
VIRAL SCREENING

Test Name	Results	Units	Biological Reference Interval
HIV (1& 2) Antibody <small>(Method: ELISA)</small>	0.33	S/Co	< 1.00 : Negative > 1.00 : Positive

*** End Of Report ***



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