

16-11-741/C/C, Beside TITAN Showroom, Dilsukhnagar, Hyderabad.

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LABORATORY TEST REPORT

: 21/10/2020 14:38 Sample Collection Regn Date : 21/10/2020 14:47 Name : MR. DEEKONDA SHREENIVAS Print Date : 23/10/2020 18:11 Regn No : 1220106820 Age / Sex 77 Years / Male Ref By : Dr. CGHS ON PAYMENT Regn Centre : Dilsukhnagar - 12

Sample Type : Citrate Plasma Ref no.

PROTHROMBIN TIME (PT)

TEST NAME RESULT BIOLOGICAL REFERENCE INTERVAL

Prothrombin Time Test : 15.4 12.2 - 14.2 Seconds

Control : 13.8 Secs

INR : 1.15 Therapeutic Range

2.0 - 4.0

Method: Electromechanical Clot Detection

Comments / Interpretation:

- PT assesses the coagulation activity of extrinsic and common coagulation pathways.

- PT is prolonged in liver disease, coagulation disorders involving extrinsic coagulation mechanism and common pathway.
- Marked elevation of INR is seen in patients receiving vitamin-K antagonist.

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Certificate # MC-2657

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Sample Type : Serum Ref no.

Hepatitis B surface Antigen (HBsAg)

TEST NAME RESULT BIOLOGICAL REFERENCE INTERVAL

HBsAg (Qualitative) : Nonreactive [0.19] NA

Method: Chemiluminescent Microparticle Immuno Assay (CMIA)

Interpretation:

Nonreactive <1.0 S/CO Specimen is negative for HBsAg or Hepatitis B virus surface antigens are at an

undetectable level.

Reactive >/= 1.0 S/CO Specimen is positive for Hepatitis B surface antigen.

Results are reported as S/CO units (ratio of Sample Relative Light Units to the Cut off Relative Light Units)

- * This test is for the qualitative detection of Hepatitis B surface Antigen (HBsAg) in human serum.
- * This test is a highly sensitive screening assay; it should not be used as a sole criterion for confirmation of Hepatitis B infection. Its result should be confirmed by other supplementory tests.
- * Test results should be interpreted in conjunction with patient history and other HBV serologic markers (eg, anti-HBs Ab, anti-HBc Total and anti-HBc IgM, HBeAg & Anti HBe Ab)
- * Individuals, who recently received Hepatitis B vaccination may have transient positive HBsAg test results because of the large dose of HBsAg used in the vaccine.
- * Anomalous results may be observed in patients who have routine exposure to animals or to animal serum products/ who received preparations of mouse monoclonal antibodies for therapy.

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Sample Type : Serum Ref no.

Hepatitis C Virus Antibodies (Anti HCV)

TEST NAME <u>BIOLOGICAL REFERENCE INTERVAL</u>

Anti Hepatitis C Virus Antibodies : Nonreactive [0.20] NA

Method: Chemiluminescent Microparticle Immuno Assay (CMIA)

Interpretation:

Non Reactive <1.0 S/CO Specimen is negative for HCV antibodies or antibodies are at an undetectable level.

Reactive >/=1.0 S/CO Specimen is positive for HCV antibodies.

Results are reported as S/CO units (ratio of Sample Relative Light Units to the Cut off Relative Light Units)

- * This test is for the qualitative detection of antibody to Hepatitis C Virus in human serum.
- * This test is only a screening assay; it should always be used in conjuction with clinical history and exposure risk for HCV infection.
- * This test should not be used as the sole criterion for the confirmation of HCV infection and it is recommended to test further for HCV RNA detection and quantification by PCR.
- * A Non-reactive screening result does not exclude the possibility of exposure to or infection with HCV.

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Sample Type : Serum Ref no.

HIV 1 & 2 Antibodies

TEST NAME RESULT **BIOLOGICAL REFERENCE INTERVAL**

HIV 1 & 2 Antibodies Nonreactive [0.14] Nonreactive: <1.0 S/CO

Reactive : >/= 1.0 S/CO

Method: Chemiluminescent Microparticle Immuno Assay (CMIA)

Interpretation:

Specimen is Negative for HIV 1 & 2 antibodies.

Specimen is Positive for HIV - 1 antibodies. Reactive

Specimen is Positive for HIV antibodies (HIV-1 and HIV-2; or HIV-2 alone).

*Confirmation of HIV-2 sero-status at identified referral laboratory through ART centres.

(As per the NACO guideline test result is considered positive only when all 3 test are reactive)

Indeterminate Collect fresh sample in 2-4 weeks and repeat the test. If the sample continues to be

indeterminate send the sample for Western blot or PCR for confirmation.

All Values are in S/CO units = Ratio of sample Relative Light Units to the Cutoff Relative Light Units

A nonreactive result does not exclude the possibility of HIV infection. Levels of HIV antibodies may be undetectable in the window period.

(Ref: National guideline for HIV testing Dec 2016)

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