Thyrocare
Tests you can trust

Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703. 9870666333 wellness@thyrocare.com

First National Diagnostic Chain to have 100% of its Labs with NABL Accreditation#

Patient Name	: XXXXXXXXXXXXXX	**Sample Collected on (SCT)**	: XXXXXXXXXXXX
Referred By	: XXXXXXXXXXXXXX	**Sample Received on (SRT)**	: XXXXXXXXXXXX
Sample Collected At	: XXXXXXXXXXXXXX	**Report Released on (RRT)**	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
ANTI HEPATITIS C VIRUS (ANTI HCV) - TOTAL	C.M.I.A	0.15	OD ratio

Reference range :

NON REACTIVE : < 1.0
REACTIVE : > = 1.0

Method:
FULLY AUTOMATED CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY

Clinical significance:
Hepatitis C Virus (HCV) is now recognized as the primary cause of transfusion-associated Non-A, Non-B Hepatitis. The biochemical changes occurring in a Hepatitis C Virus-infected person are increased levels of serum transaminases. The acute presentation of HCV infection is generally mild, often clinically asymptomatic, with only 10 - 25 % of patients developing jaundice, greater than 50% of infected individuals go on to develop chronic hepatitis with serious and possibly life threatening sequel such as cirrhosis and Hepatocellular Carcinoma..

Note: Repeatedly reactive anti HCV specimens should be investigated further in supplemental tests such as other HCV specific immunoassays and immunoblot assays or a combination thereof and/or NAT tests.

Specifications: Precision: Intra assay (%cv): 3.9 %, Inter assay (%cv): 4.5 % Sensitivity: 99.10 % ; Specificity: 99.60%

Kit validation reference
Engvall E,Perlman P .Enzyme-LinkedImmunosobent Assay (ELISA)QuantitativeAssay of Immunoglobulin.G Immunochemistry 1971;8:871-4

Dummy Report

Tests Done : H3T - PROFILE NEW

Doctor 1 Sign

Patient Name	: XXXXXXXXXXXX	**Sample Collected on (SCT)**	: XXXXXXXXXXXX
Referred By	: XXXXXXXXXXXX	**Sample Received on (SRT)**	: XXXXXXXXXXXX
Sample Collected At	: XXXXXXXXXXXX	**Report Released on (RRT)**	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
HEPATITIS B SURFACE ANTIGEN (HBSAG)	C.M.I.A	0.37	OD ratio

Reference range :

NON REACTIVE : < 1 (Indicates absence of Hepatitis B surface antigen)
REACTIVE : >=1 (Indicates presence of Hepatitis B surface antigen)

Clinical Significance:
A positive report does not confirm diagnosis and all positive cases should be confirmed by confirmatory test like PCR. HBsAg can be detected in the serum as early as 2 to 3 weeks before the onset of the illness and reaches a peak titre at the time when the characteristic symptoms like jaundice and changes in the liver-specific enzymes appear. This is normally followed by a gradual elimination of the antigen. In some cases and in an unknown percentage of subclinical hepatitis b virus infections, the antigen can be detected in the serum for years, if not for life. False positive results seen in patients with high titre of heterophile antibodies, On Mouse monoclonal antibody therapy, biotin therapy or HBV vaccination for a transient period of time. False negative cases seen if testing done in early course of disease and in patients with immunosuppression .

References: Neurath AR, Kent SB et al. Identification and chemical synthesis of a host cell receptor binding site on hepatitis B virus. Cell 1986; 46, 429-436. National Laboratory guidelines for viral hepatitis.

NOTE : Result Rechecked. Kindly correlate clinically.

Dummy Report

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Sample Collected At	: XXXXXXXXXXXX	**Report Released on (RRT)**	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS	INTERPRETATION
HIV I and II	C.M.I.A	0.04	OD ratio	NEGATIVE

Reference Ranges:

NON REACTIVE : < 1
REACTIVE : >=1

Method:
FULLY AUTOMATED CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY

Clinical Significance
HIV is a screening test being performed as per NACO guidelines. The kits utilize a mixture of recombinant proteins for detection of antibodies to all subtypes of HIV-1 and HIV-2 in human serum or plasma. A positive report does not confirm diagnosis of HIV infection at any point of time and all positive cases should be confirmed by confirmatory test like western blot or PCR. Similarly, a non-reactive test doesnt exclude the possibility of HIV infection and must be interpreted by a medical practitioner in light of the exposure and possible window period.

Specifications:
Precision: Intra-Assay (%CV) :4.76%, Inter-Assay (%CV):6.01%, Sensitivity : 100%, Specificity : >=99.5%

Kid validation reference :
Barre-Sinoussi F, Chermann JC, Rey F, et al.Isolation of a T-Lymphotropic Retrovirus from a Patient at Risk for Acquired Immune Deficiency Syndrome(AIDS). Science 1983;220:868-871.

Dummy Report

Tests Done : H3T - PROFILE NEW

Doctor 1 Sign

Patient Name : XXXXXXXXXXXX
Referred By : XXXXXXXXXXXX
Sample Collected At : XXXXXXXXXXXX

Sample Collected on (SCT) : XXXXXXXXXXXX
Sample Received on (SRT) : XXXXXXXXXXXX
Report Released on (RRT) : XXXXXXXXXXXX
Sample Type | Barcode : XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
TSH - ULTRASENSITIVE	C.M.I.A	3.719	µIU/mL	0.35-4.94

The Biological Reference Ranges is specific to the age group. Kindly correlate clinically.

Method :

USTSH - Fully Automated Chemi Luminescent Microparticle Immunoassay

Pregnancy reference ranges for TSH/USTSH :
Trimester || T3 (ng/dl) || T4 (µg/dl) || TSH/USTSH (µIU/ml)
1st || 83.9-196.6 || 4.4-11.5 || 0.1-2.5
2nd || 86.1-217.4 || 4.9-12.2 || 0.2-3.0
3rd || 79.9-186 || 5.1-13.2 || 0.3-3.5

References :

1. Carol Devilia, C I Parhon. First Trimester Pregnancy ranges for Serum TSH and Thyroid Tumor reclassified as Benign. Acta Endocrinol. 2016; 12(2) : 242 - 243
2. Kulhari K, Negi R, Kalra DK et al. Establishing Trimester specific Reference ranges for thyroid hormones in Indian women with normal pregnancy : New light through old window. Indian Journal of Contemporary medical research. 2019; 6(4)

Disclaimer : Results should always be interpreted using the reference range provided by the laboratory that performed the test. Different laboratories do tests using different technologies, methods and using different reagents which may cause difference. In reference ranges and hence it is recommended to interpret result with assay specific reference ranges provided in the reports. To diagnose and monitor therapy doses, it is recommended to get tested every time at the same Laboratory.

~~ End of report ~~

Dummy Report

Tests Done : **H3T - PROFILE NEW**

Doctor 1 Sign