

Name : WM14S	Age : 36 Years
Lab No. : XXXXXXXXX	Gender : Male
Ref By : SELF	Reported : 26/9/2024 3:00:56PM
Collected : 26/9/2024 7:00:00AM	Report Status : Final
A/c Status : P	Processed at : LPL-NATIONAL REFERENCE LAB
Collected at : LPL-ROHINI (NATIONAL REFERENCE LAB) National Reference laboratory, Block E, Sector 18, ROHINI DELHI 110085	National Reference laboratory, Block E, Sector 18, Rohini, New Delhi -110085

Test Report

Test Name	Results	Units	Ref. Interval
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SwasthFit Super 1

LIVER & KIDNEY PANEL, SERUM

Creatinine (Compensated Jaffes reaction, IDMS traceable)	0.86	mg/dL	0.67 - 1.17
GFR Estimated	105	mL/min/1.73m ²	>59
GFR Category	G1		
Urea (Urease UV)	25.50	mg/dL	17.00 - 43.00
Urea Nitrogen Blood	11.00	mg/dL	6.00 - 20.00
BUN/Creatinine Ratio			
Uric Acid (Uricase)	9.0	mg/dL	3.50 - 7.20
AST (SGOT) (IFCC without P5P)	21.4	U/L	<50
ALT (SGPT) (IFCC without P5P)	13.6	U/L	<50
GGTP (IFCC)	16.8	U/L	<55
Alkaline Phosphatase (ALP) (IFCC, AMP BUFFER)	66.60	U/L	30 - 120
Bilirubin Total (DPD)	0.49	mg/dL	0.30 - 1.20
Bilirubin Direct (DPD)	0.07	mg/dL	<0.2
Bilirubin Indirect (Calculated)	0.42	mg/dL	<1.10
Serum Urea Nitrogen (Diuret)	7.34	g/dL	6.40 - 8.30
Albumin (BCG)	4.20	g/dL	3.50 - 5.20
A : G Ratio (Calculated)	1.34		0.90 - 2.00
Globulin(Calculated)	3.14	gm/dL	2.0 - 3.5
Calcium, Total (Arsenazo III)	9.86	mg/dL	8.80 - 10.60



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Phosphorus (Molybdate UV)	3.06	mg/dL	2.50 - 4.50
Sodium (Indirect ISE)	140.00	mEq/L	135.00 - 146.00
Potassium (Indirect ISE)	3.86	mEq/L	3.50 - 5.10
Chloride (Indirect ISE)	109.00	mmol/L	101.00 - 109.00

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LIPID SCREEN, SERUM			
Cholesterol, Total (CHO-POD)	250.70	mg/dL	<200.00
Triglycerides (GPO-POD)	186.50	mg/dL	<150.00
HDL Cholesterol (Enz Immunoinhibition)	51.20	mg/dL	>40.00
LDL Cholesterol, Calculated (Calculated)	160.20	mg/dL	<100.00
VLDL Cholesterol, Calculated (Calculated)	33.30	mg/dL	<30.00
Non-HDL Cholesterol (Calculated)	154	mg/dL	<130

Note

- Measurements in the same patient can show physiological & analytical variations. Three serial samples 1 week apart are recommended for total cholesterol, Triglycerides, HDL & LDL Cholesterol.
- Additional testing for Apolipoprotein B, Lipoprotein (a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement.

Treatment Goals as per Lipid Association of India 2020

RISK CATEGORY	TREATMENT GOAL		CONSIDER THERAPY	
	LDL CHOLESTEROL (LDL-C) (mg/dL)	NON HDL-C (mg/dL)	LDL CHOLESTEROL (LDL-C) (mg/dL)	NON HDL CHOLESTEROL (NON HDL-C) (mg/dL)
Extreme Risk Group Category 1	<50 (Optional goal ≤30)	<80 (Optional goal ≤60)	≥50	≥80
Extreme Risk Group Category 2	≤30	≤60	>30	>60
High	<50	<80	≥50	≥80
High	<70	<100	≥70	≥100
Moderate	<100	<130	≥100	≥130
Low	<100	<130	≥130*	≥160*

*In low risk patient, consider therapy after an initial non-pharmacological intervention for at least 3 months



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GLUCOSE, FASTING (F), PLASMA (Hexokinase)			
Glucose Fasting	89.00	mg/dL	70.00 - 100.00
THYROID PROFILE, TOTAL, SERUM (CLIA)			
T3, Total	0.59	ng/dL	0.60 - 1.81
T4, Total	4.90	ng/dL	4.50 - 11.60
TSH	25.17	µIU/mL	0.35 - 5.50

Note

1. TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm . The variation is in the order of 50% . hence time of the day has influence on the measured serum TSH concentrations.
2. Alteration in concentration of thyroid hormone binding protein can profoundly affect Total T3 and/or Total T4 levels especially in pregnancy and in patients on steroid therapy.
3. Unbound fraction (Free T4 / Free T3) of thyroid hormone is biologically active form and correlate more closely with clinical status of the patient than total T4/T3 concentration
4. Values <0.03 u IU/ml are not clinically correlated due to presence of a rare TSH variant in some individuals.

MD, Path
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-----End of report-----



IMPORTANT INSTRUCTIONS

- Test results released pertain to the specimen submitted. •All test results are dependent on the quality of the sample received by the Laboratory.
- Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician. •Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted. •Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting. •Test results may show interlaboratory variations. •The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning this test(s) & or results of test(s). •Test results are not valid for medico legal purposes. •This is computer generated medical diagnostic report that has been validated by Authorized Medical Practitioner/Doctor. •The report does not need physical signature.

(#) Sample drawn from outside source.

If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.

Tel: +91-11-49885050, Fax: - +91-11-2788-2134, E-mail: lalpathlabs@lalpathlabs.com

Sample Report

