

Age: 62 Years Sex: Female PID: 200

Barcode: 221L44105



Sample Collected At:

Andhra Pradesh, Ref. By: **Dr. Self** Registered on: 07:50 AM 14 Feb, 23

Collected on: 02:37 PM 14 Feb, 23

Reported on: 02:59 PM 14 Feb, 23

Investigation Observed Unit Biological Reference Interval

Fasting Blood Glucose 107 High mg/dL 70 - 100 (Hexokinase)

Comment:

Blood Glucose fasting - The expected values for normal fasting blood glucose concentration are between 70 mg/dL (3.9 mmol/L) and 100 mg/dL (5.6 mmol/L). When fasting blood glucose is between 100 to 125 mg/dL (5.6 to 6.9 mmol/L) changes in lifestyle and monitoring glycemia are recommended.

Post Prandial Blood Glucose 139 mg/dL 70 - 140

(Hexokinase)

Comment:

The post-prandial blood sugar (PPBS) test is a glucose test that determines the level of sugar present in your blood, approximately 2 hours after having a meal.

Normally, the postprandial blood sugar level for people who are not diabetic is less than 140 mg/dL and for those who are diabetic is less than 180 mg/dL.

Hemoglobin (Hb) **10.8 Low** g/dL 12 - 15

Comment:

Hemoglobin (Hb) is a protein in your red blood cells that carries oxygen to your body's organs and tissues and transports carbon dioxide from your organs and tissues back to your lungs. If a hemoglobin test reveals that your hemoglobin level is lower than normal, it means you have a low red blood cell count (anemia).

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Thyroid Function Test (TFT)

Investigation	Observed Value	Unit	Biological Reference Interval
THYROID SERUM HORMONS			
Serum Triiodothyronine (T3) (Method : CLIA)	83.0	ng/dL	70 - 204 70-204 Pregnancy Women: 1st Trimester:81-190 2nd&3rd Trimester:100-260
Serum thyroxine (T4) (Method : CLIA)	10.0	μg/dl	5.5 - 11.0 Healthy adult : 4.5 - 12.5 Pregnant Women : 1 Trimester : 7.8 - 16.2
			2& 3 Trimester : 9.1 - 18.3
Thyroid Stimulating Hormone (TSH) (Method : CLIA)	4.10	μIU/ml	0.55 - 4.78 Healthy Adult : 0.4-4.2 Pregnant Woman: 1 Trimester : 0.1-2.5 2 Trimester : 0.2-3.0 3 Trimester : 0.3-3.0

Comment:

Thyroid Profile Total is a group of tests that are done together to detect or diagnose thyroid diseases. It measures the levels of the following three hormones in the blood: Thyroid Stimulating Hormone (TSH), Thyroxine (T4) - Total and Triiodothyronine (T3) - Total.





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Lipid Profile

Investigation	Observed Value	Unit	Biological Reference Interval
Total Cholesterol (Method : Cholesterol Oxidase/Esterase)	188	mg/dL	Desirable: <200 Borderline high: 200-239 High: >240
HDL Cholesterol (Method : Elimination/Catalase)	48	mg/dL	>40
LDL Cholesterol (Method : Elimination/Catalase)	110.6	mg/dL	Optimal: <100 Near Optimal/above Optimal: 100- 129
			Borderline high: 132-159 High: 159-189 Very High: >190
Serum Triglycerides (Method : Glycerol kinase-Peroxidase)	147	mg/dL	Normal :<150 Borderline high: 150-199 High: 200-499 Very high: >500
VLDL Cholesterol (Method : Calculation)	29.40	mg/dL	10 - 40
Non-HDL cholesterol (Method : Calculation)	140.00	mg/dL	<160
CHO / HDL RATIO	3.92	Ratio	Optimal <3.5 Goal <5.0
LDL / HDL RATIO	2.30	Ratio	1.5 - 3.5
TGL / HDL RATIO	3.06	Ratio	Ideal: <2.0 High Risk: >4.0 Very high risk: 6.0

Comment:

Lipid profile or lipid panel is a panel of blood tests used to find abnormalities in lipids, such as cholesterol and triglycerides. The results of this test can identify certain genetic diseases and can determine approximate risks for cardiovascular disease, certain forms of pancreatitis, and other diseases.



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*****End Of Report*****

Koteswara Reddy Lab Manager Dr.K.P.Bharathi, M.B.B.S.,M.D.

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Consultant Biochemist





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