



Vijaya Diagnostic Centre

3-6-16 & 17, Street No. 19, Himayatnagar, Hyderabad - 500 029

Regn Date : 11/02/2020 08:21
Name : MRS. UMA SAMBU RANI
Regn No : 59204177
Ref By : Dr. SOUTH CENTRAL RAILWAY
Sample Type : Serum

Sample Collection : 11/02/2020 08:26
Print Date : 11/02/2020 18:39
Age / Sex : 52 Years / Female
Regn Centre : Manikonda - 59
Ref no. :

LABORATORY TEST REPORT

TEST NAME	T3,T4 & TSH		BIOLOGICAL REFERENCE INTERVAL
	RESULT	UNIT	
Total T3	: 8.3	ng/mL	0.60 - 1.81 ng/mL
Method : Chemiluminescence Immuno Assay (CLIA)	17.3	µg/dL	
Total T4	:		0.60 - 1.81 ng/mL
			Infants : 6.0 - 13.2 µg/dL
			Children : 5.5 - 12.1 µg/dL
			Adolescents : 5.5 - 11.1 µg/dL
			Adults : 4.5 - 10.9 µg/dL
			Pregnancy: 6.4 -10.7 µg/dL
Method : Chemiluminescence Immuno Assay (CLIA)	0.017	µIU/mL	
TSH ULTRASENSITIVE	:		Infants : 0.87 - 6.15 µIU/mL
			Children : 0.67 - 4.16 µIU/mL
			Adolescents : 0.48 - 4.17 µIU/mL
			Adults : 0.55 - 4.78 µIU/mL
			Pregnancy :
			1st Trimester : 0.3 - 4.5 µIU/mL
			2nd Trimester : 0.5 - 4.6 µIU/mL
			3rd Trimester : 0.8 - 5.2 µIU/mL

Method : Chemiluminescence Immuno Assay (CLIA)

Comments / Interpretation :

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Email : info@vijayadiagnostic.com

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LABORATORY TEST REPORT

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- Patient preparation is particularly important for hormone studies, results of which may be markedly affected by many factors such as stress, position, fasting state, time of the day, preceding diet and drug therapy.
 - The levels of T3 helps in the diagnosis of T3 Thyrotoxicosis and monitoring the course of hyperthyroidism.
 - T3 is not recommended for diagnosis of hypothyroidism as decreased values have minimal clinical significance.
 - Values below the lower limits can be caused by a number of conditions including non-thyroidal illness, acute and chronic stress and hypothyroidism.
 - Elevated level of T4 are seen in hyperthyroidism, pregnancy, euthyroid patients with increased serum Thyroxine Binding Globulin.
 - Decreased levels are noted in hypothyroidism, hypoproteinemia, euthyroid sick syndrome, decrease in Thyroxine Binding Globulin.
 - TSH levels are increased in primary hypothyroidism, insufficient thyroid hormone replacement therapy, Hashimotos thyroiditis, use of amphetamines, dopamine antagonists, iodine containing agents, lithium and iodine induced or deficiency goiter.
 - Decreased levels of TSH may be seen in Graves Disease, Toxic multinodular Goitre, Thyroiditis, Excessive treatment with thyroid hormone replacement and central Hypothyroidism.



DR.BIKASH K CHAUDHURY

Certificate # MC-2657

CONSULTANT BIOCHEMIST

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Regn Date : 11/02/2020 08:21
Name : MRS. UMA SAMBU RANI
Regn No : 59204177
Ref By : Dr. SOUTH CENTRAL RAILWAY
Sample Type : Whole Blood - EDTA

Sample Collection : 11/02/2020 08:26
Print Date : 11/02/2020 18:39
Age / Sex : 52 Years Female
Regn Centre : Manikonda - 59
Ref No. :

LABORATORY TEST REPORT

<u>TEST NAME</u>	<u>HAEMOGLOBIN (Hb)</u>	<u>RESULT</u>	<u>BIOLOGICAL REFERENCE INTERVAL</u>
Haemoglobin Photometric measurement	:	14.0	12.0 - 15.0 g/dL



Certificate # MC-2657

DR.SHASHIKANTH
CONSULTANT PATHOLOGIST

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Name	: MRS. UMA SAMBU RANI	Print Date	: 11/02/2020 18:39
Regn No	: 59204177	Age / Sex	: 52 Years / Female
Ref By	: Dr. SOUTH CENTRAL RAILWAY	Regn Centre	: Manikonda - 59
Sample Type	: Serum	Ref no.	:

TEST NAME

Serum Status

Triglycerides

LIPID PROFILE (LP)

RESULT

BIOLOGICAL REFERENCE INTERVAL

: Clear

Method : GPO - POD

: 250

Total Cholesterol

Normal : < 150 mg/dL

Borderline high : 150-199 mg/dL

High : 200-499 mg/dL

Very high : \geq 500 mg/dL

Method : CHOD - POD

LDL Cholesterol.

: 199

Desirable Level : < 200 mg/dL

Borderline : 200 – 239 mg/dL

Undesirable : \geq 240 mg/dL

Method: Calculation

: 111

Optimal : < 100 mg/dL

Near Optimal : 100 - 129 mg/dL

Borderline High : 130 - 159 mg/dL

High : 160 - 189 mg/dL

Very High : $>$ 189 mg/dL

Method : Elimination-Catalase/CHOD - POD

VLDL

Method: Calculation

: 22

Desirable Level : $>$ 60 mg/dL Optimal : 40 – 60

mg/dL Undesirable : < 40 mg/dL

Total Cholesterol/HDL Cholesterol Ratio

Method: Calculation

: 33

< 30 mg/dL

LDL Cholesterol/HDL Cholesterol Ratio

: 7.1

Low Risk : 3.3 - 4.4

Average Risk : 4.5 - 7.1

Moderate Risk : 7.2 - 11.0

Method: Calculation

Comments / Interpretation :

: 4.05

Desirable Level : 0.5 - 3.0

Borderline Risk : 3.0 - 6.0

High Risk : $>$ 6.0

- Lipid profile is a panel of blood tests that serves as an initial broad medical screening tool for abnormalities in lipids, the results of this tests can identify certain genetic diseases and can determine approximate risks for cardiovascular disease, certain forms of pancreatitis and other diseases.



LABORATORY TEST REPORT

DR.BIKASH K CHAUDHURY
CONSULTANT BIOCHEMIST

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