

INFOSYSTEMS PVT. LTD.

Sagepath Labs Pvt. Ltd.

Lab Address:- # Plot No. 564 , 1st floor , Buddhanagar , Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg .No. SAPALAPVLHT (Covid -19)

	REPO	RT	
Name	: Mrs. MADHURI	Sample ID	: A0093355
Age/Gender	: 70 Years/Female	Reg. No	: 0312402200008
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 20-Feb-2024 08:23 AM
Primary Sample	: Whole Blood	Received On	: 20-Feb-2024 12:41 PM
Sample Tested In	: Plasma-NaF(R)	Reported On	: 20-Feb-2024 02:46 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY GLUCOSE RANDOM (RBS) Test Name Results Units Ref. Range Method Glucose Random (RBS) 85 mg/dL 70-140 Hexokinase (HK) Interpretation of Plasma Glucose based on ADA guidelines 2018 FastingPlasma 2hrsPlasma Diagnosis HbA1c(%) RBS(mg/dL) Glucose(mg/dL) Glucose(mg/dL) 100-125 Prediabetes 140-199 5.7-6.4 NA >=200(with Diabetes > = 200 symptoms) > = 126 > = 6.5 Reference: Diabetes care 2018:41(suppl.1):S13-S27 • The random blood glucose if it is above 200 mg/dL and the patient has increased thirst, polyuria, and polyphagia, suggests diabetes mellitus. • As a rule, two-hour glucose samples will reach the fasting level or it will be in the normal range. *** End Of Report *** Laboratory is NABL Accredited







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Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 20-Feb-2024 08:23 AM
Primary Sample	: Whole Blood	Received On	: 20-Feb-2024 12:41 PM
Sample Tested In	: Serum	Reported On	: 20-Feb-2024 05:22 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY				
Test Name	Results	Units	Ref. Range	Method
Lipid Profile				
Cholesterol Total	175	mg/dL	< 200	CHOD-POD
Triglycerides-TGL	123	mg/dL	< 150	GPO-POD
Cholesterol-HDL	46	mg/dL	40-60	Direct
Cholesterol-LDL	104.4	mg/dL	< 100	Calculated
Cholesterol- VLDL	24.6	mg/dL	7-35	Calculated
Non HDL Cholesterol	129	mg/dL	< 130	Calculated
Cholesterol Total /HDL Ratio	3.8	%	0-4.0	Calculated
HDL / LDL Ratio	0.44			
LDL/HDL Ratio	2.27	%	0-3.5	Calculated

The National Cholesterol Education program's third Adult Treatment Panel (ATPIII) has issued its recommendations on evaluating and treating lipid discorders for primary and secondary.

NCEP Recommendations	Cholesterol Total in (mg/dL)	Iridivcerides	HDL Cholesterol (mg/dL)	LDL Cholesterol	Non HDL Cholesterol in (mg/dL)
()ntimal	Adult: < 200 Children: < 170	< 150	40-59	Adult:<100 Children: <110	<130
Above Optimal				100-129	130 - 159
Borderline High	Adult: 200-239 Children:171-199	150-199		Adult: 130-159 Children: 111-129	160 - 189
High	Adult:>or=240 Children:>or=200	200-499	≥ 60	Adult:160-189 Children:>or=130	190 - 219
Very High		>or=500		Adult: >or=190	>=220

Note: LDL cholesterol cannot be calculated if triglyceride is >400 mg/dL (Friedewald's formula). Calculated values not provided for LDL and VLDL

Result rechecked and verified for abnormal cases

*** End Of Report ***

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CLINICAL BIOCHEMISTRY					
Test Name	Results	Units	Ref. Range	Method	
Thyroid Profile-I(TFT)					
T3 (Triiodothyronine)	91.66	ng/dL	40-181	CLIA	
T4 (Thyroxine)	5.7	µg/dL	3.2-12.6	CLIA	
TSH -Thyroid Stimulating Hormone	1.35	µIU/mL	0.35-5.5	CLIA	

Pregnancy	&	Cord	Blood	
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T3 (Triiodothyronine):	T4 (Thyroxine)	TSH (Thyroid Stimulating Hormone)
First Trimester : 81-190 ng/dL	15 to 40 weeks:9.1-14.0 μg/dL	First Trimester : 0.24-2.99 µIU/mL
Second&Third Trimester :100-260 ng/dL		Second Trimester: 0.46-2.95 µIU/mL
		Third Trimester : 0.43-2.78 µIU/mL
Cord Blood: 30-70 ng/dL	Cord Blood: 7.4-13.0 µg/dL	Cord Blood: : 2.3-13.2 µIU/mL

Interpretation:

• Thyroid gland is a butterfly-shaped endocrine gland that is normally located in the lower front of the neck. The thyroid's job is to make thyroid hormones, which are secreted into the blood and then carried to every tissue in the body. Thyroid hormones help the body use energy, stay warm and keep the brain, heart, muscles, and other organs working as they should.

• Thyroid produces two major hormones: triiodothyronine (T3) and thyroxine (T4). If thyroid gland doesn't produce enough of these hormones, you may experience symptoms such as weight gain, lack of energy, and depression. This condition is called hypothyroidism.

- Thyroid gland produces too many hormones, you may experience weight loss, high levels of anxiety, tremors, and a sense of being on a high. This is called hyperthyroidism.
- TSH interacts with specific cell receptors on the thyroid cell surface and exerts two main actions. The first action is to stimulate cell reproduction and hypertrophy. Secondly, TSH stimulates the thyroid gland to synthesize and secrete T3 and T4.
- The ability to quantitate circulating levels of TSH is important in evaluating thyroid function. It is especially useful in the differential diagnosis of primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

Correlate Clinically.

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*** End Of Report ***



