

**REPORT**

Name	: Mrs. M LOKESHWARI	Sample ID	: 24753430
Age/Gender	: 69 Years/Female	Reg. No	: 0312311030010
Referred by	: Dr. S RAGHAVENDER	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 03-Nov-2023 09:12 AM
Primary Sample	:	Received On	: 03-Nov-2023 03:16 PM
Sample Tested In	: Urine	Reported On	: 03-Nov-2023 05:45 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
<b>Fasting Urine Glucose</b>	(+)		Negative	Automated Strip Test
<b>Protein - Random Urine</b>	12.30	mg/dL	1-14	Pyrogallol Red
<b>Creatinine - Random Urine</b>	77.69	mg/dL	15-278	kinetic Jaffe reaction.
<b>Protein/Creatinine Ratio</b>	0.16		< 0.20	Calculated

**Interpretation:**

The urine protein test measures the amount of protein being excreted in the urine. Proteinuria is frequently seen in chronic diseases, such as diabetes and hypertension, with increasing amounts of protein in the urine reflecting increasing kidney damage. With early kidney damage, the affected person is often asymptomatic. As damage progresses, or if protein loss is severe, the person may develop symptoms such as edema, shortness of breath, nausea, and fatigue. Excess protein overproduction, as seen with multiple myeloma, lymphoma, and amyloidosis, can also lead to proteinuria. Creatinine, a byproduct of muscle metabolism, is normally released into the urine at a constant rate.



*Dr. Vaishnavi*  
**DR. VAISHNAVI**  
**MD BIOCHEMISTRY**

**REPORT**

Name	: Mrs. M LOKESHWARI	Sample ID	: 24753425, 24753427
Age/Gender	: 69 Years/Female	Reg. No	: 0312311030010
Referred by	: Dr. S RAGHAVENDER	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 03-Nov-2023 09:12 AM
Primary Sample	: Whole Blood	Received On	: 03-Nov-2023 12:34 PM
Sample Tested In	: Plasma-NaF(F), Plasma-NaF(PP)	Reported On	: 03-Nov-2023 02:28 PM
Client Address	: Kimtee colony ,Gokul Nagar, Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**
**GLUCOSE POST PRANDIAL (PP)**

Test Name	Results	Units	Ref. Range	Method
<b>Glucose Fasting (F)</b>	<b>151</b>	mg/dL	70-100	GOD-POD

Interpretation of Plasma Glucose based on ADA guidelines 2018

Diagnosis	FastingPlasma Glucose(mg/dL)	2hrsPlasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)
Prediabetes	100-125	140-199	5.7-6.4	NA
Diabetes	> = 126	> = 200	> = 6.5	>=200(with symptoms)

Reference: Diabetes care 2018:41(suppl.1):S13-S27

<b>Glucose Post Prandial (PP)</b>	<b>198</b>	mg/dL	70-140	Hexokinase (HK)
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Interpretation of Plasma Glucose based on ADA guidelines 2018

Diagnosis	FastingPlasma Glucose(mg/dL)	2hrsPlasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)
Prediabetes	100-125	140-199	5.7-6.4	NA
Diabetes	> = 126	> = 200	> = 6.5	>=200(with symptoms)

Reference: Diabetes care 2018:41(suppl.1):S13-S27

- Postprandial glucose level is a screening test for Diabetes Mellitus
- If glucose level is >140 mg/dL and <200 mg/dL, then GTT (glucose tolerance test) is advised.
- If level after 2 hours = >200 mg/dL diabetes mellitus is confirmed.
- Advise HbA1c for further evaluation.

Result rechecked and verified for abnormal cases

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

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**MC 3633**

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**DR. VAISHNAVI**  
**MD BIOCHEMISTRY**

**REPORT**

Name	: Mrs. M LOKESHWARI	Sample ID	: 24753426
Age/Gender	: 69 Years/Female	Reg. No	: 0312311030010
Referred by	: Dr. S RAGHAVENDER	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 03-Nov-2023 09:12 AM
Primary Sample	: Whole Blood	Received On	: 03-Nov-2023 12:37 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 03-Nov-2023 01:27 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
<b>Glycated Hemoglobin (HbA1c)</b>	<b>9.4</b>	%	Non Diabetic:< 5.7 Pre diabetic: 5.7-6.4 Diabetic:>= 6.5	HPLC
<b>Mean Plasma Glucose</b>	223.08	mg/dL		Calculated

**Interpretation:**

- Glycated hemoglobins (GHb), also called glycohemoglobins, are substances formed when glucose binds to hemoglobin, and occur in amounts proportional to the concentration of serum glucose. Since red blood cells survive an average of 120 days, the measurement of GHb provides an index of a person's average blood glucose concentration (glycemia) during the preceding 2-3 months. Normally, only 4% to 6% of hemoglobin is bound to glucose, while elevated glycohemoglobin levels are seen in diabetes and other hyperglycemic states
- Mean Plasma Glucose(MPG):This Is Mathematical Calculations Where Glycated Hb Can Be Correlated With Daily Mean Plasma Glucose Level

Result rechecked and verified for abnormal cases

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

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**REPORT**

Name	: Mrs. M LOKESHWARI	Sample ID	: 24753428
Age/Gender	: 69 Years/Female	Reg. No	: 0312311030010
Referred by	: Dr. S RAGHAVENDER	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 03-Nov-2023 09:12 AM
Primary Sample	: Whole Blood	Received On	: 03-Nov-2023 12:43 PM
Sample Tested In	: Serum	Reported On	: 03-Nov-2023 01:56 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
<b>Lipid Profile</b>				
Cholesterol Total	184	mg/dL	< 200	CHOD-POD
Triglycerides-TGL	<b>247</b>	mg/dL	< 150	GPO-POD
Cholesterol-HDL	49	mg/dL	40-60	Direct
Cholesterol-LDL	85.6	mg/dL	< 100	Calculated
Cholesterol- VLDL	<b>49.4</b>	mg/dL	7-35	Calculated
Non HDL Cholesterol	<b>135</b>	mg/dL	< 130	Calculated
Cholesterol : HDL Ratio	3.76	%	0-4.0	Calculated
LDL:HDL Ratio	1.75	%	0-3.5	Calculated

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

NCEP Recommendations	Cholesterol Total in (mg/dL)	Triglycerides in (mg/dL)	HDL Cholesterol (mg/dL)	LDL Cholesterol in (mg/dL)	Non HDL Cholesterol in (mg/dL)
Optimal	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	<b>≥ 60</b>	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

Correlate Clinically.

Result rechecked and verified for abnormal cases  
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