

LABORATORY TEST REPORT

Name	: Mrs. ANURADHA		
Sample ID	: B2623242, B2623244		
Age/Gender	: 59 Years/Female	Reg. No	: 0312505030006
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 03-May-2025 08:12 AM
Primary Sample	: Whole Blood	Received On	: 03-May-2025 04:19 PM
Sample Tested In	: Plasma-NaF(F), Plasma-NaF(PP)	Reported On	: 03-May-2025 05:11 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


CLINICAL BIOCHEMISTRY
GLUCOSE POST PRANDIAL (PP)

Test Name	Results	Units	Biological Reference Interval
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Glucose Fasting (F) **112** mg/dL 70-100
 (Method: Hexokinase)

Interpretation of Plasma Glucose based on ADA guidelines 2024

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 2024 Jan (1:47 (suppl.1):S20- S42.

Glucose Post Prandial (PP) **129** mg/dL 70-140
 (Method: Hexokinase (HK))

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 2024 Jan (1:47 (suppl.1):S20- S42.

- 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.

*** End Of Report ***



[Signature]
 DR. LAVANYA LAGISETTY
 MD BIOCHEMISTRY

LABORATORY TEST REPORT

Name	: Mrs. ANURADHA		
Sample ID	: B2623241		
Age/Gender	: 59 Years/Female	Reg. No	: 0312505030006
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 03-May-2025 08:12 AM
Primary Sample	: Whole Blood	Received On	: 03-May-2025 01:34 PM
Sample Tested In	: Serum	Reported On	: 03-May-2025 02:33 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Biological Reference Interval
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Lipid Profile

 Cholesterol Total (Method: CHOD-POD)	143.4	mg/dL	< 200
 Triglycerides-TGL (Method: GPO-POD)	270.8	mg/dL	< 150
 Cholesterol-HDL (Method: Direct)	46.9	mg/dL	40-60
 Cholesterol-LDL (Method: Calculated)	42.34	mg/dL	< 100
 Cholesterol- VLDL (Method: Calculated)	54.16	mg/dL	7-35
 Non HDL Cholesterol (Method: Calculated)	96.5	mg/dL	< 130
 Cholesterol Total /HDL Ratio (Method: Calculated)	3.06	Ratio	0-4.0
 LDL/HDL Ratio (Method: Calculated)	0.9	Ratio	0-3.5

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	≥ 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

*** End Of Report ***



*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD


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