

LABORATORY TEST REPORT

Name	: Mr. A RAGHU KUMAR		
Sample ID	: A0934682		
Age/Gender	: 65 Years/Male	Reg. No	: 0312409240010
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 24-Sep-2024 09:17 AM
Primary Sample	: Whole Blood	Received On	: 24-Sep-2024 11:57 AM
Sample Tested In	: Plasma-NaF(F)	Reported On	: 24-Sep-2024 02:07 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

GLUCOSE FASTING

Test Name	Results	Units	Biological Reference Interval
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Glucose Fasting (F) **116** mg/dL 70-100
(Method: Hexokinase)

Interpretation of Plasma Glucose based on ADA guidelines 2018

Diagnosis	Fasting Plasma Glucose(mg/dL)	2hrs Plasma 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

*** End Of Report ***



Page 1 of 3
Dr. Vaishnavi
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MD BIOCHEMISTRY

LABORATORY TEST REPORT

Name	: Mr. A RAGHU KUMAR		
Sample ID	: A0934679		
Age/Gender	: 65 Years/Male	Reg. No	: 0312409240010
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 24-Sep-2024 09:17 AM
Primary Sample	: Whole Blood	Received On	: 24-Sep-2024 12:11 PM
Sample Tested In	: Serum	Reported On	: 24-Sep-2024 02:12 PM
Client Address	: Kimtee colony , Gokul Nagar, Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Biological Reference Interval
Lipid Profile			
Cholesterol Total <small>(Method: CHOD-POD)</small>	170	mg/dL	< 200
Triglycerides-TGL <small>(Method: GPO-POD)</small>	167	mg/dL	< 150
Cholesterol-HDL <small>(Method: Direct)</small>	42	mg/dL	40-60
Cholesterol-LDL <small>(Method: Calculated)</small>	94.6	mg/dL	< 100
Cholesterol- VLDL <small>(Method: Calculated)</small>	33.4	mg/dL	7-35
Non HDL Cholesterol <small>(Method: Calculated)</small>	128	mg/dL	< 130
Cholesterol Total /HDL Ratio <small>(Method: Calculated)</small>	4.05	%	0-4.0
HDL / LDL Ratio	0.44		
LDL/HDL Ratio <small>(Method: Calculated)</small>	2.25	%	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 ***



Page 2 of 3
Dr. Vaishnavi
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LABORATORY TEST REPORT

Name	: Mr. A RAGHU KUMAR	Reg. No	: 0312409240017
Sample ID	: A0934446	SPP Code	: SPL-CV-172
Age/Gender	: 65 Years/Male	Collected On	: 24-Sep-2024 11:42 AM
Referred by	: Dr. SELF	Received On	: 24-Sep-2024 04:32 PM
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Reported On	: 24-Sep-2024 06:07 PM
Primary Sample	: Whole Blood	Report Status	: Final Report
Sample Tested In	: Plasma-NaF(PP)		
Client Address	: Kimtee colony ,Gokul Nagar, Tarnaka		



CLINICAL BIOCHEMISTRY

GLUCOSE POST PRANDIAL (PP)

Test Name	Results	Units	Biological Reference Interval
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Glucose Post Prandial (PP) **166** 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 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.

*** End Of Report ***



Page 3 of 3
Dr. Vaishnavi
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