

REPORT

Name	: Mr. RAMA MOHANA RAO VELLANKI	Sample ID	: A0590241
Age/Gender	: 87 Years/Male	Reg. No	: 0312407300004
Referred by	: Dr. VARSHA KIRON	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 30-Jul-2024 08:35 AM
Primary Sample	: Whole Blood	Received On	: 30-Jul-2024 03:49 PM
Sample Tested In	: Serum	Reported On	: 30-Jul-2024 07:02 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Creatinine -Serum	1.14	mg/dL	0.70-1.30	Jaffes Kinetic

Interpretation:

- This test is done to see how well your kidneys are working.Creatinine is a chemical waste product of creatine. Creatine is a chemical made by the body and is used to supply energy mainly to muscles.
- **A higher than normal level may be due to:**
Renal diseases and insufficiency with decreased glomerular filtration, urinary tract obstruction, reduced renal blood flow including congestive heart failure, shock, and dehydration; rhabdomyolysis can cause elevated serum creatinine.
- **A lower than normal level may be due to:**
Small stature, debilitation, decreased muscle mass; some complex cases of severe hepatic disease can cause low serum creatinine levels. In advanced liver disease, low creatinine may result from decreased hepatic production of creatinine and inadequate dietary protein as well as reduced muscle mass.

*** End Of Report ***

Laboratory is NABL Accredited



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

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CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Lipid Profile				
Cholesterol Total	106	mg/dL	< 200	CHOD-POD
Triglycerides-TGL	94	mg/dL	< 150	GPO-POD
Cholesterol-HDL	42	mg/dL	40-60	Direct
Cholesterol-LDL	45.2	mg/dL	< 100	Calculated
Cholesterol- VLDL	18.8	mg/dL	7-35	Calculated
Non HDL Cholesterol	64	mg/dL	< 130	Calculated
Cholesterol Total /HDL Ratio	2.52	%	0-4.0	Calculated
HDL / LDL Ratio	0.93			
LDL/HDL Ratio	1.08	%	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	≥ 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

Correlate Clinically.

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