









LABORATORY TEST REPORT

Name	: Mrs. K VIJAYA		
Sample ID	: B2622763		
Age/Gender	: 64 Years/Female	Reg. No	: 0312504160003
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 16-Apr-2025 07:44 AM
Primary Sample	: Whole Blood	Received On	: 16-Apr-2025 12:33 PM
Sample Tested In	: Serum	Reported On	: 16-Apr-2025 01:31 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)	207	mg/dL	< 200
 Triglycerides-TGL (Method: GPO-POD)	228	mg/dL	< 150
 Cholesterol-HDL (Method: Direct)	42	mg/dL	40-60
 Cholesterol-LDL (Method: Calculated)	119.4	mg/dL	< 100
 Cholesterol- VLDL (Method: Calculated)	45.6	mg/dL	7-35
 Non HDL Cholesterol (Method: Calculated)	165	mg/dL	< 130
 Cholesterol Total /HDL Ratio (Method: Calculated)	4.93	Ratio	0-4.0
 LDL/HDL Ratio (Method: Calculated)	2.84	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


 DR. LAVANYA LAGISETTY
 MD BIOCHEMISTRY








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Kidney Profile-KFT

 Creatinine (Method: Sarcosine Oxidase Method)	0.83	mg/dL	0.55-1.02
 Urea-Serum (Method: Urease-GLDH, UV Method)	22.6	mg/dL	17.1-49.2
 Blood Urea Nitrogen (BUN) (Method: Calculated)	10.56	mg/dL	8.0-23.0
BUN / Creatinine Ratio	12.72	Ratio	6 - 22
 Uric Acid (Method: Uricase)	5.6	mg/dL	2.6-6.0
 Sodium (Method: ISE Direct)	142	mmol/L	135-150
 Potassium (Method: ISE Direct)	3.8	mmol/L	3.5-5.0
 Chloride (Method: ISE Direct)	101	mmol/L	94-110

Interpretation:

- The kidneys, located in the retroperitoneal space in the abdomen, are vital for patient health. They process several hundred liters of fluid a day and remove around two liters of waste products from the bloodstream. The volume of fluid that passes through the kidneys each minute is closely linked to cardiac output. The kidneys maintain the body's balance of water and concentration of minerals such as sodium, potassium, and phosphorus in blood and remove waste by-products from the blood after digestion, muscle activity and exposure to chemicals or medications. They also produce renin which helps regulate blood pressure, produce erythropoietin which stimulates red blood cell production, and produce an active form of vitamin D, needed for bone health.

*** End Of Report ***



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 MD BIOCHEMISTRY

Page 2 of 2