








LABORATORY TEST REPORT

Name	: Mr. M KRISHNA RAO		
Sample ID	: 24202344		
Age/Gender	: 71 Years/Male	Reg. No	: 0312411090048
Referred by	: Dr. V AJAY KUMAR	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 09-Nov-2024 08:08 PM
Primary Sample	: Whole Blood	Received On	: 09-Nov-2024 11:34 PM
Sample Tested In	: Serum	Reported On	: 09-Nov-2024 11:41 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Biological Reference Interval
Kidney Profile-KFT			
 Creatinine (Method: Jaffes Kinetic)	1.40	mg/dL	0.70-1.30
 Urea-Serum (Method: Calculated)	31.1	mg/dL	17.1-49.2
 Blood Urea Nitrogen (BUN) (Method: Calculated)	14.53	mg/dL	8.0-23.0
BUN / Creatinine Ratio	10.38		6 - 22
 Uric Acid (Method: Uricase)	5.4	mg/dL	3.5-7.2
 Sodium (Method: ISE Direct)	139	mmol/L	135-150
 Potassium (Method: ISE Direct)	4.1	mmol/L	3.5-5.0
 Chloride (Method: ISE Direct)	100	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 ***



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

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