

REPORT

Name	: Mr. M UPENDER REDDY	Sample ID	: A0012838
Age/Gender	: 59 Years/Male	Reg. No	: 0312401120009
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 12-Jan-2024 09: 19 AM
Primary Sample	: Whole Blood	Received On	: 12-Jan-2024 11:56 AM
Sample Tested In	: Serum	Reported On	: 12-Jan-2024 12: 46 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Kidney Profile-KFT				
Creatinine -Serum	0.93	mg/dL	0.70-1.30	Sarcosine oxidase
Urea-Serum	25.5	mg/dL	12.8-42.8	Glutamate dehydrogenase+Calculation
Blood Urea Nitrogen (BUN)	11.92	mg/dL	7.0-18.0	Calculated
BUN / Creatinine Ratio	12.82		6 - 22	
Uric Acid	3.8	mg/dL	3.5-7.2	Uricase
Sodium	139	mmol/L	136-145	ISE Direct
Potassium	4.0	mmol/L	3.5-5.1	ISE Direct
Chloride	99	mmol/L	98-108	ISE Direct

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.

Correlate Clinically.

Laboratory is NABL Accredited

*** End Of Report ***



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY