

**REPORT**

Name	: Mr. PURUSHOTHAM	Sample ID	: A0590425
Age/Gender	: 24 Years/Male	Reg. No	: 0312408020017
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 02-Aug-2024 12:04 PM
Primary Sample	: Whole Blood	Received On	: 02-Aug-2024 01:55 PM
Sample Tested In	: Serum	Reported On	: 02-Aug-2024 06:54 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
<b>Kidney Profile-KFT</b>				
Creatinine -Serum	0.78	mg/dL	0.70-1.30	Jaffes Kinetic
Urea-Serum	27.6	mg/dL	12.8-42.8	Calculated
Blood Urea Nitrogen (BUN)	12.88	mg/dL	7.0-18.0	Calculated
BUN / Creatinine Ratio	16.51		6 - 22	
Uric Acid	5.4	mg/dL	3.5-7.2	Uricase
Sodium	139	mmol/L	135-150	ISE Direct
Potassium	3.8	mmol/L	3.5-5.0	ISE Direct
Chloride	103	mmol/L	94-110	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**