

**REPORT**

Name	: Mrs. SOMALAKSHMI	Sample ID	: A0287280
Age/Gender	: 52 Years/Female	Reg. No	: 0312406180004
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 18-Jun-2024 09:01 AM
Primary Sample	: Whole Blood	Received On	: 18-Jun-2024 12:57 PM
Sample Tested In	: Serum	Reported On	: 18-Jun-2024 01:39 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	0.69	mg/dL	0.60-1.10	Sarcosine oxidase
Urea-Serum	25.7	mg/dL	12.8-42.8	Glutamate dehydrogenase+Calculation
Blood Urea Nitrogen (BUN)	12.01	mg/dL	7.0-18.0	Calculated
BUN / Creatinine Ratio	17.41		6 - 22	
Uric Acid	3.8	mg/dL	2.6-6.0	Uricase
Sodium	140	mmol/L	136-145	ISE Direct
Potassium	3.8	mmol/L	3.5-5.1	ISE Direct
Chloride	100	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**