

REPORT

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|--------------------|--------------------------------------|---------------|------------------------|
| Name | : Mr. K TIRUPATHI RAJU | Sample ID | : 23141729 |
| Age/Gender | : 72 Years/Male | Reg. No | : 0312409030020 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 03-Sep-2024 03:53 PM |
| Primary Sample | : Whole Blood | Received On | : 03-Sep-2024 04:54 PM |
| Sample Tested In | : Serum | Reported On | : 03-Sep-2024 07:41 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 | 10.71 | mg/dL | 0.70-1.30 | Jaffes Kinetic |
| Urea-Serum | 106.1 | mg/dL | 17.1-49.2 | Calculated |
| Blood Urea Nitrogen (BUN) | 49.58 | mg/dL | 8.0-23.0 | Calculated |
| BUN / Creatinine Ratio | 4.63 | | 6 - 22 | |
| Uric Acid | 4.6 | mg/dL | 3.5-7.2 | Uricase |
| Sodium | 133 | mmol/L | 135-150 | ISE Direct |
| Potassium | 5.5 | mmol/L | 3.5-5.0 | ISE Direct |
| Chloride | 95 | 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.

Result rechecked and verified for abnormal cases

Laboratory is NABL Accredited

*** End Of Report ***



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY