

Patient Name : **MR. DEMO**

Ref. No. : **28**

Age & Sex : 14 Yrs | Male

Collection Date : 01-01-2023 1:03PM

Contact No : 7894561235

Reporting Date : 03-01-2023 1:23PM

Address :

Referred By : Dr Abhishek (MS MCH)



| Test Name | Results | Units | Reference range |
|-----------|---------|-------|-----------------|
|-----------|---------|-------|-----------------|

BIOCHEMISTRY

KIDNEY FUNCTION TEST

| | | | |
|----------------|---------------|-------|-----------------|
| Urea | 15.5 | mg/dL | 15.0 - 55.0 |
| Creatinine | 0.75 | mg/dL | 0.60 - 1.50 |
| Uric acid | ▲ 7.25 | mg/dL | 2.5 - 7.2 |
| Calcium, Total | 8.6 | mg/dl | 8.20 - 9.60 |
| Phosphorus | 2.9 | mg/dL | 2.20 - 3.90 |
| Sodium | 145 | mEq/L | 135 - 145 |
| Potassium | ▲ 5.12 | mEq/L | 3.50 - 5.10 |
| Chloride | 101.2 | mEq/L | 101.00 - 109.00 |

Method : Automated Spectrophotometry Based Assay & Electrolyte Analyzer.

The kidneys play several vital roles in maintaining health. One of their most important jobs is to filter waste materials from the blood and expel them from the body as urine. They also produce and release erythropoietin (EPO), which stimulates the bone marrow to make red blood cells, renin, which helps control blood pressure, and calcitriol, the active form of vitamin D, which is needed to maintain calcium for teeth and bones and for normal chemical balance in the body. Among the important substances the kidneys help to regulate are sodium, potassium, chloride, bicarbonate, calcium, phosphorus, and magnesium. The right balance of these substances is critical. When the kidneys are not working properly, waste products and fluid can build up to dangerous levels in the blood, creating a life-threatening situation. Kidney function tests are common lab tests used to evaluate how well the kidneys are working.

----- End of report -----

Lab Incharge
Naman Modi



Consultant Pathologist
Dr. M.K. Singh (Path.)

Note: Pathological Test have technical limitations. For any disparity repeated examination are required. No legal liability is accepted. Clinical correlation is also requested.