
















LABORATORY TEST REPORT

| | | | |
|--------------------|--------------------------------------|---------------|------------------------|
| Name | : Mr. S SHYAM PRASAD | | |
| Sample ID | : A1308618 | | |
| Age/Gender | : 76 Years/Male | Reg. No | : 0312412220028 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 22-Dec-2024 02:17 PM |
| Primary Sample | : Whole Blood | Received On | : 22-Dec-2024 04:45 PM |
| Sample Tested In | : Whole Blood EDTA | Reported On | : 22-Dec-2024 06:39 PM |
| Client Address | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Interim |


HAEMATOLOGY (PRELIMINARY REPORT)

| Test Name | Results | Units | Biological Reference Interval |
|-----------|---------|-------|-------------------------------|
|-----------|---------|-------|-------------------------------|

Complete Blood Picture(CBP)

| | | | |
|--|-------------|---------------------|-----------|
|  Haemoglobin (Hb) (Method: Cymeth Method) | 13.7 | g/dL | 13-17 |
|  Haematocrit (HCT) (Method: Calculated) | 45.5 | % | 40-50 |
|  RBC Count (Method: Cell Impedance) | 5.00 | 10 ¹² /L | 4.5-5.5 |
|  MCV (Method: Calculated) | 91 | fl | 81-101 |
|  MCH (Method: Calculated) | 27.4 | pg | 27-32 |
|  MCHC (Method: Calculated) | 30.1 | g/dL | 32.5-34.5 |
|  RDW-CV (Method: Calculated) | 12.8 | % | 11.6-14.0 |
|  Platelet Count (PLT) (Method: Cell Impedance) | 609 | 10 ⁹ /L | 150-410 |
|  Total WBC Count (Method: Impedance) | 11.4 | 10 ⁹ /L | 4.0-10.0 |
| Differential Leucocyte Count (DC) | | | |
|  Neutrophils (Method: Cell Impedance) | 72.5 | % | 40-70 |
|  Lymphocytes (Method: Cell Impedance) | 21.2 | % | 20-40 |
|  Monocytes (Method: Microscopy) | 6.3 | % | 2-10 |
|  Absolute Neutrophils Count (Method: Impedance) | 8.27 | 10 ⁹ /L | 2.0-7.0 |
|  Absolute Lymphocyte Count (Method: Impedance) | 2.42 | 10 ⁹ /L | 1.0-3.0 |
|  Absolute Monocyte Count (Method: Calculated) | 0.72 | 10 ⁹ /L | 0.2-1.0 |

Final report will be released on 22-12-2024








*** End Of Report ***


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 Swarnabala - M
 DR.SWARNA BALA
 MD PATHOLOGY

LABORATORY TEST REPORT

| | | | |
|--------------------|--------------------------------------|---------------|------------------------|
| Name | : Mr. S SHYAM PRASAD | | |
| Sample ID | : A1308617 | | |
| Age/Gender | : 76 Years/Male | Reg. No | : 0312412220028 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 22-Dec-2024 02:17 PM |
| Primary Sample | : Whole Blood | Received On | : 22-Dec-2024 04:45 PM |
| Sample Tested In | : Serum | Reported On | : 22-Dec-2024 05:58 PM |
| Client Address | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report |


CLINICAL BIOCHEMISTRY

| Test Name | Results | Units | Biological Reference Interval |
|---|---------|--------|-------------------------------|
| Kidney Profile-KFT | | | |
|  Creatinine (Method: Jaffes Kinetic) | 0.79 | mg/dL | 0.70-1.30 |
|  Urea-Serum (Method: Calculated) | 19.3 | mg/dL | 17.1-49.2 |
|  Blood Urea Nitrogen (BUN) (Method: Calculated) | 9.02 | mg/dL | 8.0-23.0 |
| BUN / Creatinine Ratio | 11.42 | Ratio | 6 - 22 |
|  Uric Acid (Method: Uricase) | 4.9 | mg/dL | 3.5-7.2 |
|  Sodium (Method: ISE Direct) | 139 | mmol/L | 135-150 |
|  Potassium (Method: ISE Direct) | 4.2 | mmol/L | 3.5-5.0 |
|  Chloride (Method: ISE Direct) | 101 | mmol/L | 94-110 |

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.

*** End Of Report ***



Dr. Vaishnavi
DR. VAISHNAVI
 MD BIOCHEMISTRY

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