










**LABORATORY TEST REPORT**

Name	: Mr. S R SATHYA NANDAM		
Sample ID	: A0787458		
Age/Gender	: 78 Years/Male	Reg. No	: 0312410040041
Referred by	: Dr. SENTHIL J RAJAPPA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 04-Oct-2024 07:13 PM
Primary Sample	: Whole Blood	Received On	: 04-Oct-2024 11:48 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 05-Oct-2024 12:05 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report












**HAEMATOLOGY**

Test Name	Results	Units	Biological Reference Interval
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**Complete Blood Picture(CBP)**

 <b>Haemoglobin (Hb)</b> (Method: Cymeth Method)	<b>10.8</b>	g/dL	13-17
 <b>Haematocrit (HCT)</b> (Method: Calculated)	<b>32.9</b>	%	40-50
 <b>RBC Count</b> (Method: Cell Impedance)	<b>3.99</b>	10 <sup>12</sup> /L	4.5-5.5
 <b>MCV</b> (Method: Calculated)	<b>82</b>	fl	81-101
 <b>MCH</b> (Method: Calculated)	<b>26.9</b>	pg	27-32
 <b>MCHC</b> (Method: Calculated)	<b>32.7</b>	g/dL	32.5-34.5
 <b>RDW-CV</b> (Method: Calculated)	<b>14.1</b>	%	11.6-14.0
 <b>Platelet Count (PLT)</b> (Method: Cell Impedance)	<b>197</b>	10 <sup>9</sup> /L	150-410
 <b>Total WBC Count</b> (Method: Impedance)	<b>6.3</b>	10 <sup>9</sup> /L	4.0-10.0

**Differential Leucocyte Count (DC)**

 <b>Neutrophils</b> (Method: Cell Impedance)	<b>66</b>	%	40-70
 <b>Lymphocytes</b> (Method: Cell Impedance)	<b>24</b>	%	20-40
 <b>Monocytes</b> (Method: Microscopy)	<b>06</b>	%	2-10
 <b>Eosinophils</b> (Method: Microscopy)	<b>04</b>	%	1-6
 <b>Basophils</b> (Method: Microscopy)	<b>0</b>	%	1-2
 <b>Absolute Neutrophils Count</b> (Method: Impedance)	<b>4.16</b>	10 <sup>9</sup> /L	2.0-7.0
 <b>Absolute Lymphocyte Count</b> (Method: Impedance)	<b>1.51</b>	10 <sup>9</sup> /L	1.0-3.0
 <b>Absolute Monocyte Count</b> (Method: Calculated)	<b>0.38</b>	10 <sup>9</sup> /L	0.2-1.0
 <b>Absolute Eosinophils Count</b> (Method: Calculated)	<b>0.25</b>	10 <sup>9</sup> /L	0.02-0.5
 <b>Absolute Basophil ICount</b> (Method: Calculated)	<b>0.00</b>	10 <sup>9</sup> /L	0.0-0.3

**Morphology**  
 (Method: PAPs Staining)

Anisocytosis with Normocytic normochromic








\*\*\* End Of Report \*\*\*



**LABORATORY TEST REPORT**

Name	: Mr. S R SATHYA NANDAM		
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Age/Gender	: 78 Years/Male	Reg. No	: 0312410040041
Referred by	: Dr. SENTHIL J RAJAPPA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 04-Oct-2024 07:13 PM
Primary Sample	: Whole Blood	Received On	: 04-Oct-2024 11:48 PM
Sample Tested In	: Serum	Reported On	: 05-Oct-2024 01:19 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Biological Reference Interval
<b>Kidney Profile-KFT</b>			
 Creatinine (Method: Jaffes Kinetic)	<b>2.92</b>	mg/dL	0.70-1.30
 Urea-Serum (Method: Calculated)	<b>77.9</b>	mg/dL	17.1-49.2
 Blood Urea Nitrogen (BUN) (Method: Calculated)	<b>36.4</b>	mg/dL	8.0-23.0
BUN / Creatinine Ratio	12.47		6 - 22
 Uric Acid (Method: UriCase)	5.2	mg/dL	3.5-7.2
 Sodium (Method: ISE Direct)	<b>130</b>	mmol/L	135-150
 Potassium (Method: ISE Direct)	4.7	mmol/L	3.5-5.0
 Chloride (Method: ISE Direct)	<b>96</b>	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*  
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 MD BIOCHEMISTRY

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