










LABORATORY TEST REPORT

Name	: Mrs. SATHYAVATI		
Sample ID	: A0787703		
Age/Gender	: 56 Years/Female	Reg. No	: 0312410150022
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 15-Oct-2024 12:23 PM
Primary Sample	: Whole Blood	Received On	: 15-Oct-2024 01:14 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 15-Oct-2024 01:29 PM
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)

 Haemoglobin (Hb) (Method: Cymeth Method)	8.4	g/dL	12-15
 Haematocrit (HCT) (Method: Calculated)	25.0	%	40-50
 RBC Count (Method: Cell Impedance)	2.75	10 ¹² /L	3.8-4.8
 MCV (Method: Calculated)	91	fl	81-101
 MCH (Method: Calculated)	30.7	pg	27-32
 MCHC (Method: Calculated)	33.7	g/dL	32.5-34.5
 RDW-CV (Method: Calculated)	14.9	%	11.6-14.0
 Platelet Count (PLT) (Method: Cell Impedance)	558	10 ⁹ /L	150-410
 Total WBC Count (Method: Impedance)	5.1	10 ⁹ /L	4.0-10.0

Differential Leucocyte Count (DC)

 Neutrophils (Method: Cell Impedance)	70	%	40-70
 Lymphocytes (Method: Cell Impedance)	22	%	20-40
 Monocytes (Method: Microscopy)	06	%	2-10
 Eosinophils (Method: Microscopy)	02	%	1-6
 Basophils (Method: Microscopy)	00	%	1-2
 Absolute Neutrophils Count (Method: Impedance)	3.57	10 ⁹ /L	2.0-7.0
 Absolute Lymphocyte Count (Method: Impedance)	1.12	10 ⁹ /L	1.0-3.0
 Absolute Monocyte Count (Method: Calculated)	0.31	10 ⁹ /L	0.2-1.0
 Absolute Eosinophils Count (Method: Calculated)	0.1	10 ⁹ /L	0.02-0.5
 Absolute Basophil ICount (Method: Calculated)	0.00	10 ⁹ /L	0.0-0.3

Morphology
 (Method: PAPs Staining)

Anisocytosis with Normocytic normochromic anemia with Microcytic hypochromic and Thrombocytosis

*** End Of Report ***










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Name	: Mrs. SATHYAVATI		
Sample ID	: A0787702		
Age/Gender	: 56 Years/Female	Reg. No	: 0312410150022
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 15-Oct-2024 12:23 PM
Primary Sample	: Whole Blood	Received On	: 15-Oct-2024 01:14 PM
Sample Tested In	: Serum	Reported On	: 15-Oct-2024 02:00 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Biological Reference Interval
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Kidney Profile-KFT

 Creatinine (Method: Jaffes Kinetic)	0.48	mg/dL	0.60-1.10
 Urea-Serum (Method: Calculated)	35.6	mg/dL	12.8-42.8
 Blood Urea Nitrogen (BUN) (Method: Calculated)	16.64	mg/dL	7.0-18.0
BUN / Creatinine Ratio	34.67		6 - 22
 Uric Acid (Method: Uricase)	5.14	mg/dL	2.6-6.0
 Sodium (Method: ISE Direct)	139	mmol/L	135-150
 Potassium (Method: ISE Direct)	4.3	mmol/L	3.5-5.0
 Chloride (Method: ISE Direct)	98	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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