

REPORT

Name	: Mr. SANDEEP REDDY	Sample ID	: 24754023
Age/Gender	: 43 Years/Male	Reg. No	: 0312312090015
Referred by	: Dr. ADHITHYA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 09-Dec-2023 11:01 AM
Primary Sample	: Whole Blood	Received On	: 09-Dec-2023 12:08 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 09-Dec-2023 01:06 PM
Client Address	: Kimtee colony ,Gokul Nagar ,Tarnaka	Report Status	: Final Report

HAEMATOLOGY

Test Name	Results	Units	Ref. Range	Method
Complete Blood Picture(CBP)				
Haemoglobin (Hb)	14.6	g/dL	13-17	Cynmeth Method
Haematocrit (HCT)	43.3	%	40-50	Calculated
RBC Count	5.16	10 ¹² /L	4.5-5.5	Cell Impedence
MCV	84	fl	81-101	Calculated
MCH	28.3	pg	27-32	Calculated
MCHC	33.7	g/dL	32.5-34.5	Calculated
RDW-CV	13.7	%	11.6-14.0	Calculated
Platelet Count (PLT)	165	10 ⁹ /L	150-410	Cell Impedence
Total WBC Count	5.7	10 ⁹ /L	4.0-10.0	Impedence
Differential Leucocyte Count (DC)				
Neutrophils	70	%	40-70	Cell Impedence
Lymphocytes	20	%	20-40	Cell Impedence
Monocytes	06	%	2-10	Microscopy
Eosinophils	004	%	1-6	Microscopy
Basophils	0	%	1-2	Microscopy
Absolute Neutrophils Count	3.99	10 ⁹ /L	2.0-7.0	Impedence
Absolute Lymphocyte Count	1.14	10 ⁹ /L	1.0-3.0	Impedence
Absolute Monocyte Count	0.34	10 ⁹ /L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.23	10 ⁹ /L	0.02-0.5	Calculated
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Morphology	Normocytic normochromic blood picture.			PAPs Staining

*** End Of Report ***

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*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD

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Swarnabala .M
DR.SWARNA BALA
MD PATHOLOGY

REPORT

Name	: Mr. SANDEEP REDDY	Sample ID	: 24754024
Age/Gender	: 43 Years/Male	Reg. No	: 0312312090015
Referred by	: Dr. ADHITHYA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 09-Dec-2023 11:01 AM
Primary Sample	: Whole Blood	Received On	: 09-Dec-2023 12:08 PM
Sample Tested In	: Serum	Reported On	: 09-Dec-2023 01:00 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	1.11	mg/dL	0.70-1.30	Sarcosine oxidase
Urea-Serum	23.2	mg/dL	12.8-42.8	Glutamate dehydrogenase+Calculation
Blood Urea Nitrogen (BUN)	10.84	mg/dL	7.0-18.0	Calculated
BUN / Creatinine Ratio	9.77		6 - 22	
Uric Acid	5.8	mg/dL	3.5-7.2	Uricase
Sodium	143	mmol/L	136-145	ISE Direct
Potassium	4.0	mmol/L	3.5-5.1	ISE Direct
Chloride	102	mmol/L	98-108	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.

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*** End Of Report ***



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY