

REPORT

Name	: Mr. C H RAMANA REDDY	Sample ID	: 24753742
Age/Gender	: 69 Years/Male	Reg. No	: 0312311200004
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 20-Nov-2023 08:52 AM
Primary Sample	: Whole Blood	Received On	: 20-Nov-2023 09:52 AM
Sample Tested In	: Whole Blood EDTA	Reported On	: 20-Nov-2023 11:02 AM
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)	11.4	g/dL	13-17	Cynmeth Method
Haematocrit (HCT)	33.6	%	40-50	Calculated
RBC Count	3.93	10 ¹² /L	4.5-5.5	Cell Impedence
MCV	86	fl	81-101	Calculated
MCH	29.1	pg	27-32	Calculated
MCHC	34.0	g/dL	32.5-34.5	Calculated
RDW-CV	12.3	%	11.6-14.0	Calculated
Platelet Count (PLT)	273	10 ⁹ /L	150-410	Cell Impedence
Total WBC Count	4.5	10 ⁹ /L	4.0-10.0	Impedence
Differential Leucocyte Count (DC)				
Neutrophils	56	%	40-70	Cell Impedence
Lymphocytes	37	%	20-40	Cell Impedence
Monocytes	05	%	2-10	Microscopy
Eosinophils	02	%	1-6	Microscopy
Basophils	00	%	1-2	Microscopy
Absolute Neutrophils Count	2.52	10 ⁹ /L	2.0-7.0	Impedence
Absolute Lymphocyte Count	1.67	10 ⁹ /L	1.0-3.0	Impedence
Absolute Monocyte Count	0.23	10 ⁹ /L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.09	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

Result rechecked and verified for abnormal cases

*** End Of Report ***

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*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD

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Swarnabala .M
DR.SWARNA BALA
MD PATHOLOGY

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Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 20-Nov-2023 08:52 AM
Primary Sample	: Whole Blood	Received On	: 20-Nov-2023 09:52 AM
Sample Tested In	: Serum	Reported On	: 20-Nov-2023 10:48 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Lipid Profile				
Cholesterol Total	117	mg/dL	< 200	CHOD-POD
Triglycerides-TGL	122	mg/dL	< 150	GPO-POD
Cholesterol-HDL	46	mg/dL	40-60	Direct
Cholesterol-LDL	46.6	mg/dL	< 100	Calculated
Cholesterol- VLDL	24.4	mg/dL	7-35	Calculated
Non HDL Cholesterol	71	mg/dL	< 130	Calculated
Cholesterol Total /HDL Ratio	2.54	%	0-4.0	Calculated
HDL / LDL Ratio	0.99			
LDL/HDL Ratio	1.01	%	0-3.5	Calculated

The National Cholesterol Education program's third Adult Treatment Panel (ATPIII) has issued its recommendations on evaluating and treating lipid disorders for primary and secondary.

NCEP Recommendations	Cholesterol Total in (mg/dL)	Triglycerides in (mg/dL)	HDL Cholesterol (mg/dL)	LDL Cholesterol in (mg/dL)	Non HDL Cholesterol in (mg/dL)
Optimal	Adult: < 200 Children: < 170	< 150	40-59	Adult:<100 Children: <110	<130
Above Optimal	-----	-----		100-129	130 - 159
Borderline High	Adult: 200-239 Children:171-199	150-199		Adult: 130-159 Children: 111-129	160 - 189
High	Adult:>or=240 Children:>or=200	200-499	≥ 60	Adult:160-189 Children:>or=130	190 - 219
Very High	-----	>or=500		Adult: >or=190 -----	>=220

Note: LDL cholesterol cannot be calculated if triglyceride is >400 mg/dL (Friedewald's formula). Calculated values not provided for LDL and VLDL

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Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

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CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Kidney Profile-KFT				
Urea	26.0	mg/dL	17.1-49.2	Glutamate dehydrogenase+Calculation
Creatinine -Serum	0.74	mg/dL	0.70-1.30	Sarcosine oxidase
Uric Acid	4.3	mg/dL	3.5-7.2	Uricase
Sodium	139	mmol/L	136-145	ISE Direct
Potassium	4.2	mmol/L	3.5-5.1	ISE Direct
Chloride	98	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 ***



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