

LABORATORY TEST REPORT

Name	: Mr. MOHAMMED KHILED		
Sample ID	: A1307626		
Age/Gender	: 27 Years/Male	Reg. No	: 0312411250004
Referred by	: Dr. G.BALA RAJU. M.D.(GENERAL MEDICINE))	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 25-Nov-2024 08:47 AM
Primary Sample	: Whole Blood	Received On	: 25-Nov-2024 12:41 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 25-Nov-2024 01:20 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: Cymmeth Method)	15.6	g/dL	13-17
 Haematocrit (HCT) (Method: Calculated)	46.0	%	40-50
 RBC Count (Method: Cell Impedance)	5.14	10 ¹² /L	4.5-5.5
 MCV (Method: Calculated)	90	fl	81-101
 MCH (Method: Calculated)	30.4	pg	27-32
 MCHC (Method: Calculated)	34.0	g/dL	32.5-34.5
 RDW-CV (Method: Calculated)	13.1	%	11.6-14.0
 Platelet Count (PLT) (Method: Cell Impedance)	181	10 ⁹ /L	150-410
 Total WBC Count (Method: Impedance)	6.9	10 ⁹ /L	4.0-10.0

Differential Leucocyte Count (DC)

 Neutrophils (Method: Cell Impedance)	70	%	40-70
 Lymphocytes (Method: Cell Impedance)	25	%	20-40
 Monocytes (Method: Microscopy)	03	%	2-10
 Eosinophils (Method: Microscopy)	02	%	1-6
 Basophils (Method: Microscopy)	00	%	1-2
 Absolute Neutrophils Count (Method: Impedance)	4.83	10 ⁹ /L	2.0-7.0
 Absolute Lymphocyte Count (Method: Impedance)	1.73	10 ⁹ /L	1.0-3.0
 Absolute Monocyte Count (Method: Calculated)	0.21	10 ⁹ /L	0.2-1.0
 Absolute Eosinophils Count (Method: Calculated)	0.14	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) Normocytic normochromic

*** End Of Report ***



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Age/Gender	: 27 Years/Male	Reg. No	: 0312411250004
Referred by	: Dr. G.BALA RAJU. M.D.(GENERAL MEDICINE))	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 25-Nov-2024 08:47 AM
Primary Sample	: Whole Blood	Received On	: 25-Nov-2024 12:41 PM
Sample Tested In	: Serum	Reported On	: 25-Nov-2024 01:27 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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Lipid Profile

 Cholesterol Total (Method: CHOD-POD)	152	mg/dL	< 200
 Triglycerides-TGL (Method: GPO-POD)	192	mg/dL	< 150
 Cholesterol-HDL (Method: Direct)	42	mg/dL	40-60
 Cholesterol-LDL (Method: Calculated)	71.6	mg/dL	< 100
 Cholesterol- VLDL (Method: Calculated)	38.4	mg/dL	7-35
 Non HDL Cholesterol (Method: Calculated)	110	mg/dL	< 130
 Cholesterol Total /HDL Ratio (Method: Calculated)	3.62	%	0-4.0
 HDL / LDL Ratio	0.59		
 LDL/HDL Ratio (Method: Calculated)	1.7	%	0-3.5

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

*** End Of Report ***



Dr. Vaishnavi
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MD BIOCHEMISTRY

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