

Centre

Sample Type :

Serum

CITICARE MEDICAL CENTER



29/03/2025 19:29

Reported

Laboratory Investigation Report

Name : Mr. MOHAMMAD HILAL Ref No. : 45511

 DOB
 : 27/07/2001
 Sample No.
 : 2503556722

 Age / Gender
 : 23 Y / Male
 Collected
 : 28/03/2025 19:30

 Referred by
 : DR. HUMAIRA MUMTAZ
 Registered
 : 29/03/2025 16:50

BIOCHEMISTRY Flag Unit Result **Reference Range** Methodology Test **LIPID PROFILE TEST CHOLESTEROL (TOTAL)** Desirable: < 200 Enzymatic colorimteric assay 189 mg/dl Borderline High: 200 - 239 High: = 240 Please note change. Source: Roche IFU. HDL CHOLESTEROL mg/dl 40 - 60 Homogeneous enzymatic 52 colorimetric assay Please note change. Source: Roche IFU. LDL CHOLESTEROL DIRECT 123 mg/dl Optimal: < 100 Homogeneous enzymatic colorimetric assay Near/Above Optimal: 100 -Borderline High: 130 - 159 High: 160 - 189 Very High: = 190 Please note change. Source: Roche IFU. VLDL CHOLESTEROL Calculation 20 mg/dL < 30 NON-HDL CHOLESTEROL mg/dL < 140 Calculation 143 **TRIGLYCERIDES** 101 mg/dl Normal: < 150 Enzymatic colorimetric assay Borderline High: 150 - 199 High: 200 - 499 Very High: > 500 Source: Roche IFU. **TOTAL CHOLESTEROL / HDL RATIO** 3.6 < 4.5 Calculation LDL / HDL RATIO Calculation 2.4 < 3.5

End of Report

Gome V. Shah.

Dr. Adley Mark Fernandes Dr. Vyoma V Shah
M.D (Pathology) M.D (Pathology)
Pathologist Clinical Pathologist

This is an electronically authenticated report

ANJUMOL D V

Laboratory Technologist
Printed on: 29/03/2025 19:31

Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189:2012 unless specified by (^). Test marked with # is performed in an accredited referral laboratory.





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 : CITICARE MEDICAL CENTER
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 : 29/03/2025 18:11

HFMATOLOGY

HEMATOLOGY					
Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	15.5		g/dL	13.5 - 17.5	Photometric
RBC COUNT	5.4		10^6/μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	45.9		%	38 - 50	Calculation
MCV	85		fL	82 - 98	Calculation
МСН	28.7		pg	27 - 32	Calculation
мснс	33.8		g/dL	32 - 37	Calculation
RDW	13.6		%	11.8 - 15.6	Calculation
RDW-SD	40.3		fL		Calculation
MPV	10.4		fL	7.6 - 10.8	Calculation
PLATELET COUNT	155		10^3/uL	150 - 450	Electrical Impedance
РСТ	0.2		%	0.01 - 9.99	Calculation
PDW	17.3		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC)^	1.0		/100 WBC		VCS 360 Technology
ABSOLUTE NRBC COUNTA	0.06		10^3/uL		Calculation
EARLY GRANULOCYTE COUNT (EGC)^	0.4		%		VCS 360 Technology
ABSOLUTE EGC^	0.0		10^3/uL		Calculation
WBC COUNT	5.7		10^3/μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	49		%	40 - 75	VCS 360 Technology
LYMPHOCYTES	38		%	20 - 45	VCS 360 Technology
EOSINOPHILS	9	н	%	0 - 6	VCS 360 Technology
MONOCYTES	4		%	1 - 6	VCS 360 Technology
BASOPHILS	0		%	0 - 1	VCS 360 Technology
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	2.8		10^3/uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.1		10^3/uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.2		10^3/uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.5		10^3/uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.0		10^3/uL	0 - 0.11	Calculation

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DOB 27/07/2001 Age / Gender 23 Y / Male

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Ref No. 45511

Sample No. 2503556722

Collected 28/03/2025 19:30 Registered 29/03/2025 16:50 Reported 29/03/2025 18:11

HEMATOLOGY

Result Flag Unit **Reference Range** Methodology **Test**

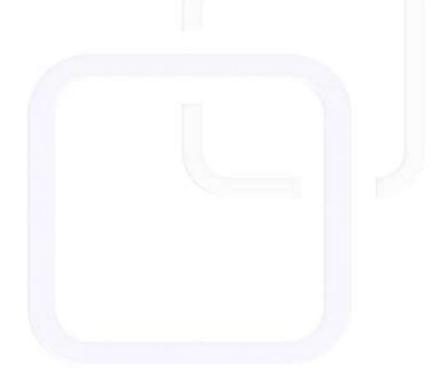
COMPLETE BLOOD COUNT (CBC)

INTERPRETATION NOTES:

Please note update on CBC report format, reference ranges and method(Beckman Coulter).

EDTA Whole Blood Sample Type:

End of Report



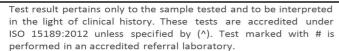
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