



Laboratory Investigation Report

Mr. MUHAMMAD IRFAN MUHAMMAD ZAMEER Name

DOB 02/07/1988 36 Y / Male Age / Gender Referred by DR HUMAIRA

CITICARE MEDICAL CENTER Centre

45447

2504557461

01/04/2025 13:24

01/04/2025 22:54

02/04/2025 00:00

Ref No.

Sample No.

Collected

Registered

Reported

	BIOCHEMISTRY								
Test	Result	Flag	Unit	Reference Range	Methodology				
LIPID PROFILE TEST									
CHOLESTEROL (TOTAL)	163		mg/dl	Desirable: < 200 Borderline High: 200 - 239 High: ≥ 240 Please note change. Source: Roche IFU.	Enzymatic colorimteric assay				
HDL CHOLESTEROL	45		mg/dl	40 - 60	Homogeneous enzymatic				
				Please note change. Source: Roche IFU.	colorimetric assay				
LDL CHOLESTEROL DIRECT	96		mg/dl	Optimal: < 100 Near/Above Optimal: 100 - 129	Homogeneous enzymatic colorimetric assay				
				Borderline High: 130 - 159 High: 160 - 189					
				Very High: ≥ 190 Please note change. Source: Roche IFU.					
VLDL CHOLESTEROL	41	н	mg/dL	< 30	Calculation				
NON-HDL CHOLESTEROL	137		mg/dL	< 140	Calculation				
TRIGLYCERIDES	203	Н	mg/dl	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: > 500 Source: Roche IFU.	Enzymatic colorimetric assay				
TOTAL CHOLESTEROL / HDL RATIO	3.6			< 4.5	Calculation				
LDL / HDL RATIO	2.1			< 3.5	Calculation				
Sample Type : Serum		End	d of Report						

Dr. Adley Mark Fernandes M.D (Pathology) **Pathologist**

This is an electronically authenticated report

Dr. Vyoma V Shah M.D (Pathology) **Clinical Pathologist**

Page 1 of 3

NAZAR MOHAMED ALI Laboratory Technologist Printed on: 02/04/2025 00:12

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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HEMATOLOGY										
Test	Result I	Flag	Unit	Reference Range	Methodology					
COMPLETE BLOOD COUNT (CBC)										
HEMOGLOBIN	14.6		g/dL	13.5 - 17.5	Photometric					
RBC COUNT	5.2		10^6/μL	4.3 - 5.7	Electrical Impedance					
HEMATOCRIT	42.5		%	38 - 50	Calculation					
MCV	82.5		fL	82 - 98	Calculation					
мсн	28.4		pg	27 - 32	Calculation					
мснс	34.4		g/dL	32 - 37	Calculation					
RDW	13.4		%	11.8 - 15.6	Calculation					
RDW-SD	38.9		fL		Calculation					
MPV	7.4	L	fL	7.6 - 10.8	Calculation					
PLATELET COUNT	443		10^3/uL	150 - 450	Electrical Impedance					
PCT	0.3		%	0.01 - 9.99	Calculation					
PDW	16.1		Not Applicable	0.1 - 99.9	Calculation					
NUCLEATED RBC (NRBC)^	0.1		/100 WBC		VCS 360 Technology					
ABSOLUTE NRBC COUNT^	0.01		10^3/uL		Calculation					
EARLY GRANULOCYTE COUNT (EGC)^	0.2		%		VCS 360 Technology					
ABSOLUTE EGC^	0		10^3/uL		Calculation					
WBC COUNT	12.8 I	Н	10^3/μL	4 - 11	Electrical Impedance					
DIFFERENTIAL COUNT (DC)										
NEUTROPHILS	70		%	40 - 75	VCS 360 Technology					
LYMPHOCYTES	21		%	20 - 45	VCS 360 Technology					
EOSINOPHILS	2		%	0 - 6	VCS 360 Technology					
MONOCYTES	6		%	1 - 6	VCS 360 Technology					
BASOPHILS	1		%	0 - 1	VCS 360 Technology					
ABSOLUTE COUNT										
ABSOLUTE NEUTROPHIL COUNT	9.0	Н	10^3/uL	1.6 - 8.25	Calculation					
ABSOLUTE LYMPHOCYTE COUNT	2.6		10^3/uL	0.8 - 4.95	Calculation					
ABSOLUTE MONOCYTE COUNT	0.6		10^3/uL	0.04 - 0.66	Calculation					
ABSOLUTE EOSINOPHIL COUNT	0.3		10^3/uL	0 - 0.66	Calculation					
ABSOLUTE BASOPHIL COUNT	0.1		10^3/uL	0 - 0.11	Calculation					

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

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CHRISTEENA FRANCIS Laboratory Technologist Printed on: 02/04/2025 00:12

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P.O Box: 49527 Dubai, UAE Tel: +971 4 398 8567 reports@biosytech.ae www.biosytech.com

Page 2 of 3





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HEMATOLOGY

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

COMPLETE BLOOD COUNT (CBC)

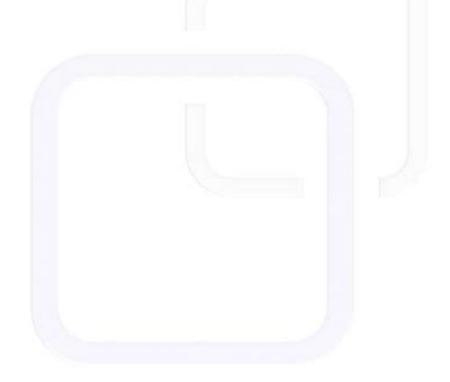
INTERPRETATION NOTES:

DOB

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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Dr. Vyoma V Shah M.D (Pathology) **Clinical Pathologist**

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Page 3 of 3