biosytech
MEDICAL LABORATORY

Laboratory Investigation Report

BML420762

Name	: Mr. MIDLAJ HARISHCHANDRA AHMED AHMED HARISHCHANDRA ABD	**Ref No.**	: 34419
DOB	: 29/10/1999	**Sample No.**	: 2406429617
Age / Gender	: 24 Y / Male	**Collected**	: 12/06/2024 18:38
Referred by	: Peshawar Medical Center LLC	**Registered**	: 12/06/2024 23:05
Centre	: Peshawar Medical Center LLC	**Reported**	: 12/06/2024 23:40

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	15.0		g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	5.7		10^6/µL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	45.4		%	38 - 50	Calculation
MCV	**79.1**	**L**	fL	82 - 98	Calculation
MCH	**26.1**	**L**	pg	27 - 32	Calculation
MCHC	33		g/dL	32 - 37	Calculation
RDW	14.4		%	11.8 - 15.6	Calculation
RDW-SD	39.4		fL		Calculation
MPV	10.3		fL	7.6 - 10.8	Calculation
PLATELET COUNT	308		10^3/uL	150 - 450	Electrical Impedance
PCT	0.3		%	0.01 - 9.99	Calculation
PDW	17.1		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC)^	0.2		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT^	0.02		10^3/uL		Calculation
EARLY GRANULOCYTE COUNT (EGC)^	1.2		%		Flow Cytometry
ABSOLUTE EGC^	0.1		10^3/uL		Calculation
WBC COUNT	8.3		10^3/µL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	49		%	40 - 75	Flow Cytometry
LYMPHOCYTES	40		%	20 - 45	Flow Cytometry
EOSINOPHILS	5		%	0 - 6	Flow Cytometry
MONOCYTES	6		%	1 - 6	Flow Cytometry
BASOPHILS	0		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	3.8		10^3/uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	3.3		10^3/uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.4		10^3/uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.4		10^3/uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.0		10^3/uL	0 - 0.11	Calculation

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

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

MUBASHER ZAHOOR
Laboratory Technologist
Printed on: 13/06/2024 13:15

This is an electronically authenticated report

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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COLLEGE of AMERICAN PATHOLOGISTS

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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology

COMPLETE BLOOD COUNT (CBC)

Interpretation Notes : Please note update on CBC report format and changes in reference ranges.

Sample Type : *EDTA Whole Blood*

End of Report

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Pathologist

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