



BML430013

Laboratory Investigation Report

Name : Mr. MUHAMMAD JAHEDUL ALAM
DOB : 28/01/2001
Age / Gender : 23 Y / Male
Referred by : DR HUMAIRA
Centre : Peshawar Medical Center LLC

Ref No. : 43455
Sample No. : 2406439372
Collected : 28/06/2024 19:00
Registered : 28/06/2024 23:12
Reported : 29/06/2024 14:41

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	15.5		g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	6.0	H	10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	46.8		%	38 - 50	Calculation
MCV	77.3	L	fL	82 - 98	Calculation
MCH	25.7	L	pg	27 - 32	Calculation
MCHC	33.2		g/dL	32 - 37	Calculation
RDW	13.8		%	11.8 - 15.6	Calculation
RDW-SD	37.2		fL		Calculation
MPV	8.8		fL	7.6 - 10.8	Calculation
PLATELET COUNT	69	L	10 ³ /uL	150 - 450	Electrical Impedance
PCT	0.1		%	0.01 - 9.99	Calculation
PDW	17.4		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC) [^]	0.7		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT [^]	0.03		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	0.9		%		Flow Cytometry
ABSOLUTE EGC [^]	0		10 ³ /uL		Calculation
WBC COUNT	4		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	68		%	40 - 75	Flow Cytometry
LYMPHOCYTES	28		%	20 - 45	Flow Cytometry
EOSINOPHILS	0		%	0 - 6	Flow Cytometry
MONOCYTES	4		%	1 - 6	Flow Cytometry
BASOPHILS	0		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	2.9		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	1.1		10 ³ /uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.3		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.0		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

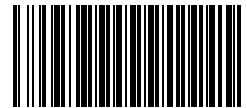
This is an electronically authenticated report

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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

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COMPLETE BLOOD COUNT (CBC)

Comments : Smear reviewed by the Pathologist

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

Interpretation Notes :

No aggregation / No satellitism.

RBCs are normocytic normochromic.

WBCs are low normal in number and normal in type.

Moderate Thrombocytopenia.

Advice: Follow-up smear.

Sample Type : EDTA Whole Blood

End of Report

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M.D (Pathology)
Pathologist

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M.D (Pathology)
Clinical Pathologist



MUBASHER ZAHOOR
Laboratory Technologist

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