

BML405937

Laboratory Investigation Report

Name : Mr. ABDUL SHAKIR ABDUL
DOB : 27/06/1987
Age / Gender : 36 Y / Male
Referred by : DR HUMAIRA
Centre : Peshawar Medical Center LLC

Ref No. : 43188
Sample No. : 2405414085
Collected : 22/05/2024 19:00
Registered : 22/05/2024 23:03
Reported : 23/05/2024 00:19

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	13.1	L	g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	4.4		10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	39.5		%	38 - 50	Calculation
MCV	89.3		fL	82 - 98	Calculation
MCH	29.5		pg	27 - 32	Calculation
MCHC	33.1		g/dL	32 - 37	Calculation
RDW	13.2		%	11.8 - 15.6	Calculation
RDW-SD	40.7		fL		Calculation
MPV	9		fL	7.6 - 10.8	Calculation
PLATELET COUNT	344		10 ³ /μL	150 - 450	Electrical Impedance
PCT	0.3		%	0.01 - 9.99	Calculation
PDW	17.2		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC) [^]	0.1		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT [^]	0.02		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	0.2		%		Flow Cytometry
ABSOLUTE EGC [^]	0		10 ³ /uL		Calculation
WBC COUNT	17.8	H	10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	75		%	40 - 75	Flow Cytometry
LYMPHOCYTES	19	L	%	20 - 45	Flow Cytometry
EOSINOPHILS	0		%	0 - 6	Flow Cytometry
MONOCYTES	6		%	1 - 6	Flow Cytometry
BASOPHILS	0		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	13.4	H	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	0.0		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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Printed on: 23/05/2024 11:06

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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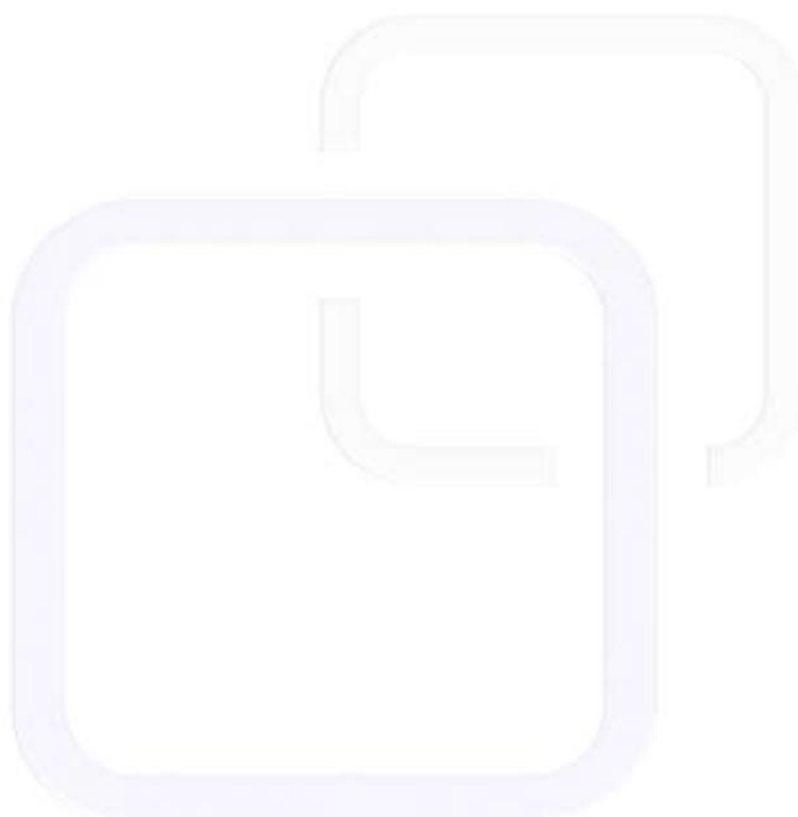
HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
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COMPLETE BLOOD COUNT (CBC)

Comments : In case of discrepancy smear report will follow.

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



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HAEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
ERYTHROCYTE SEDIMENTATION RATE (ESR)	54	H	mm/hr	< 15 Please note change in reference range and method.	Automated

Comments : Rechecked. Please correlate clinically.

Interpretation Notes :

Increased ESR is seen in inflammation, pregnancy, anemia, autoimmune disorders (such as rheumatoid arthritis and lupus), infections, some kidney diseases and some cancers (such as lymphoma and multiple myeloma).

The ESR is decreased in polycythemia, hyperviscosity, sickle cell anemia, leukemia, low plasma protein (due to liver or kidney disease), congestive heart failure, hypofibrinogenemia and leukocytosis.

Sample Type : **EDTA Whole Blood**

End of Report

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