



BML409255

Laboratory Investigation Report

Name	: Mr. AHMAD OTHAMAN	Ref No.	: 32957
DOB	:	Sample No.	: 2405417615
Age / Gender	: 33 Y / Male	Collected	: 27/05/2024 19:00
Referred by	: DR HUMAIRA	Registered	: 27/05/2024 23:44
Centre	: Peshawar Medical Center LLC	Reported	: 28/05/2024 00:59

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
C-REACTIVE PROTEIN (CRP)	21.2	CH	mg/L	< 5.0 Please note change. Source: Roche IFU.	Immunoturbidimetry

Comments : Please correlate clinically

Sample Type : Serum

End of Report



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

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

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JAYADEV C J
Laboratory Technologist
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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	14.8		g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	5		10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	45.4		%	38 - 50	Calculation
MCV	90.2		fL	82 - 98	Calculation
MCH	29.5		pg	27 - 32	Calculation
MCHC	32.7		g/dL	32 - 37	Calculation
RDW	13.5		%	11.8 - 15.6	Calculation
RDW-SD	42.4		fL		Calculation
MPV	9.8		fL	7.6 - 10.8	Calculation
PLATELET COUNT	231		10 ³ /uL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	17.9		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) [^]	0.1		%		Flow Cytometry
ABSOLUTE EGC [^]	0		10 ³ /uL		Calculation
WBC COUNT	16.1	H	10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	78	H	%	40 - 75	Flow Cytometry
LYMPHOCYTES	14	L	%	20 - 45	Flow Cytometry
EOSINOPHILS	2		%	0 - 6	Flow Cytometry
MONOCYTES	6		%	1 - 6	Flow Cytometry
BASOPHILS	0		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	12.5	H	10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.2		10 ³ /uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.4		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.2		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.0		10 ³ /uL	0 - 0.11	Calculation

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Clinical Pathologist



MUBASHER ZAHOOR
Laboratory Technologist

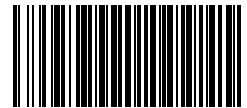
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HEMATOLOGY

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

Comments : Please correlate clinically.

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



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Pathologist

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Mubasher

MUBASHER ZAHOOR
Laboratory Technologist

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HAEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
ERYTHROCYTE SEDIMENTATION RATE (ESR)	6		mm/hr	< 15 Please note change in reference range and method.	Automated

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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