



BML265883

Laboratory Investigation Report

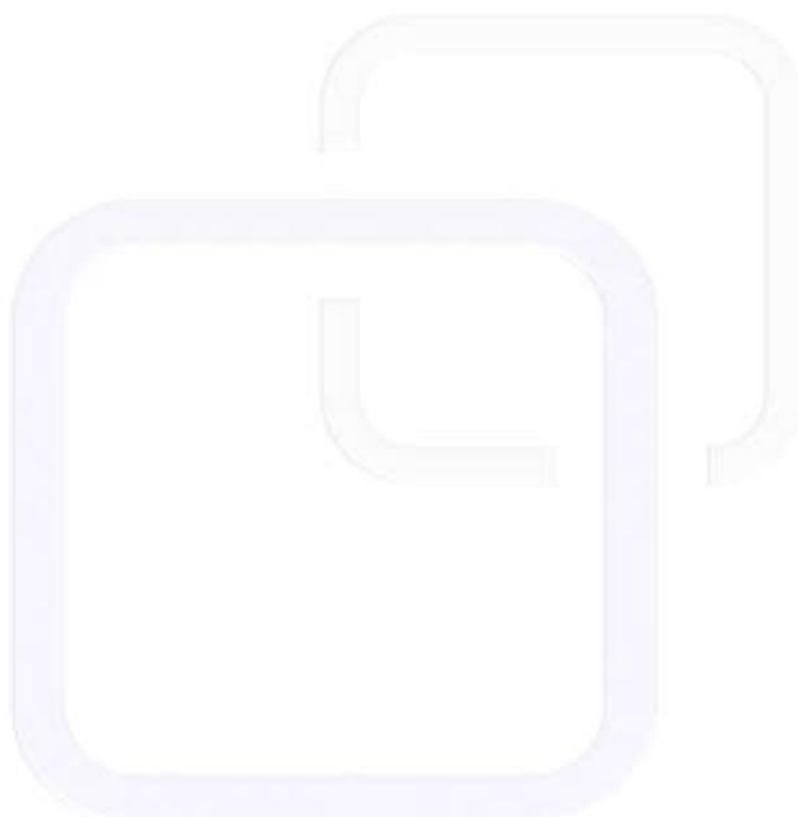
Name	: Mr. RAVIKANT KOTHARI ASHUTOSH KOTHARI	Ref No.	: 40948
DOB	: 18/12/2000	Sample No.	: 2406436607
Age / Gender	: 22 Y / Male	Collected	: 23/06/2024 19:00
Referred by	: DR. HUMAIRA MUMTAZ	Registered	: 24/06/2024 20:34
Centre	: Peshawar Medical Center LLC	Reported	: 24/06/2024 22:35

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
C-REACTIVE PROTEIN (CRP)	2.5		mg/L	< 5.0 Please note change. Source: Roche IFU.	Immunoturbidimetry

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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Page 1 of 4


HARSHAD MANIKANDAN
Laboratory Technician
Printed on: 25/06/2024 09:39

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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	14.4		g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	4.8		10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	43.1		%	38 - 50	Calculation
MCV	89.3		fL	82 - 98	Calculation
MCH	29.9		pg	27 - 32	Calculation
MCHC	33.4		g/dL	32 - 37	Calculation
RDW	13.1		%	11.8 - 15.6	Calculation
RDW-SD	40.7		fL		Calculation
MPV	10.7		fL	7.6 - 10.8	Calculation
PLATELET COUNT	159		10 ³ /uL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	17		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC) [^]	2		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT [^]	0.15		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	0.5		%		Flow Cytometry
ABSOLUTE EGC [^]	0		10 ³ /uL		Calculation
WBC COUNT	7.7		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	63		%	40 - 75	Flow Cytometry
LYMPHOCYTES	25		%	20 - 45	Flow Cytometry
EOSINOPHILS	6		%	0 - 6	Flow Cytometry
MONOCYTES	6		%	1 - 6	Flow Cytometry
BASOPHILS	0		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	4.9		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	1.8		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

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MUBASHER ZAHOOR
Laboratory Technologist

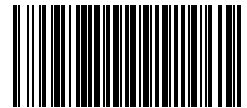
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Page 2 of 4

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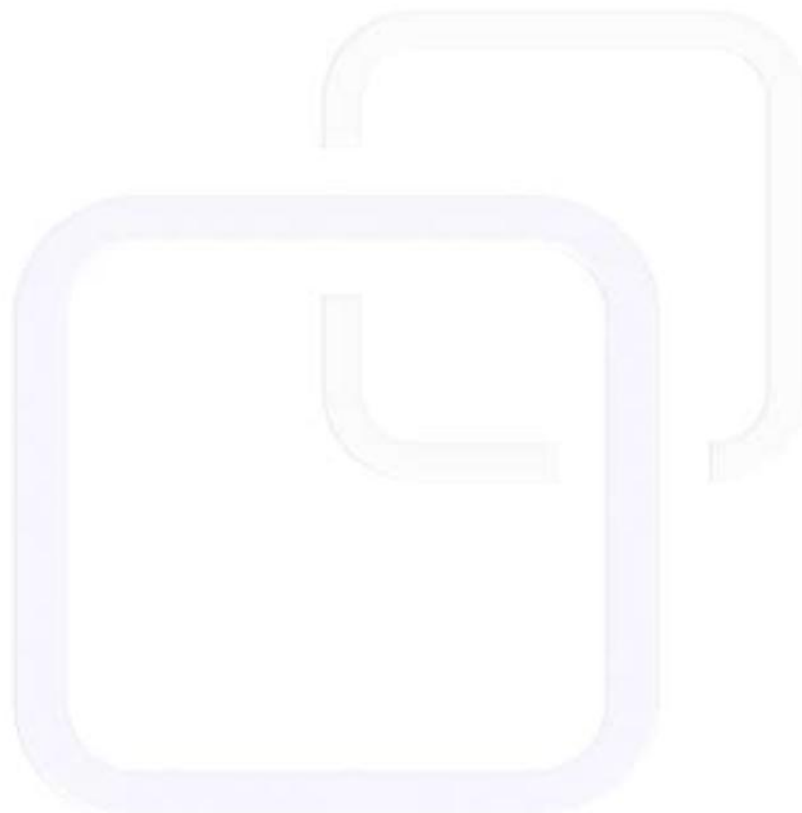
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HEMATOLOGY

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

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)	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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