

Laboratory Investigation Report

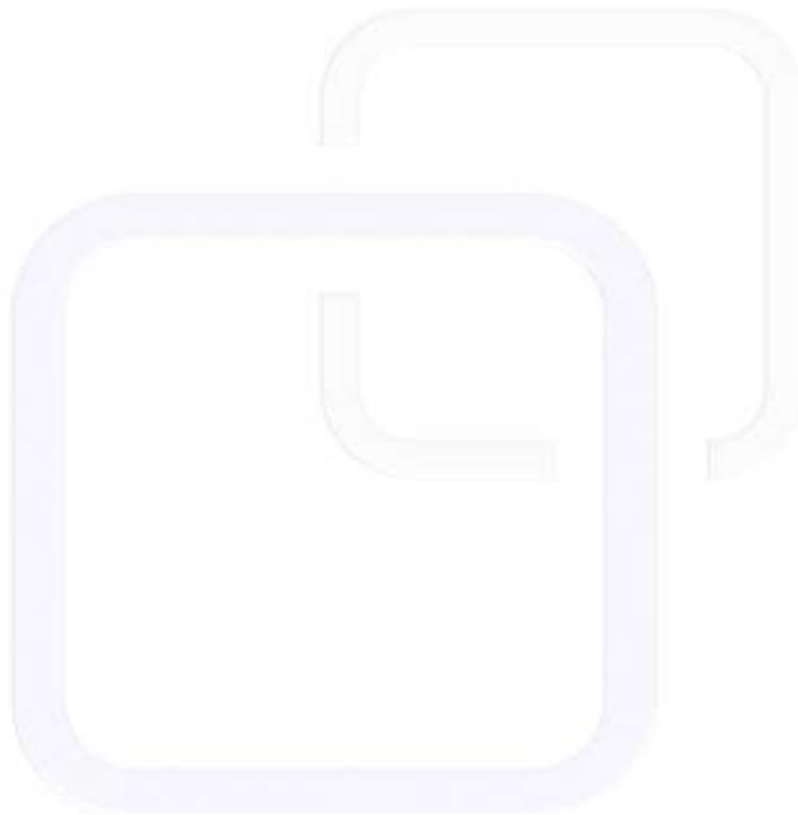
Name	: Miss. ELIZABETH RICHA DAVID	Ref No.	: 41318
DOB	: 07/01/1993	Sample No.	: 2405406571
Age / Gender	: 31 Y / Female	Collected	: 11/05/2024 14:00
Referred by	: DR. HUMAIRA MUMTAZ	Registered	: 11/05/2024 22:41
Centre	: Peshawar Medical Center LLC	Reported	: 12/05/2024 00:15

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
C-REACTIVE PROTEIN (CRP)	80.2	CH	mg/L	< 5.0	Immunoturbidimetry

Sample Type : Serum

End of Report



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

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

Haleem

HALEEM HAKKIM
Laboratory Technician

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BML398745

Laboratory Investigation Report

Name : Miss. ELIZABETH RICHA DAVID
DOB : 07/01/1993
Age / Gender : 31 Y / Female
Referred by : DR. HUMAIRA MUMTAZ
Centre : Peshawar Medical Center LLC

Ref No. : 41318
Sample No. : 2405406571
Collected : 11/05/2024 14:00
Registered : 11/05/2024 22:41
Reported : 11/05/2024 23:58

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	11.6	L	g/dL	12 - 15.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	4.5		10 ⁶ /μL	3.9 - 5	Electrical Impedance
HEMATOCRIT	36.7		%	35 - 45	Calculation
MCV	82.1		fL	82 - 98	Calculation
MCH	26	L	pg	27 - 32	Calculation
MCHC	31.7	L	g/dL	32 - 37	Calculation
RDW	15		%	11.9 - 15.5	Calculation
RDW-SD	43.3		fL		Calculation
MPV	8.9		fL	7.6 - 10.8	Calculation
PLATELET COUNT	330		10 ³ /μL	150 - 450	Electrical Impedance
PCT	0.3		%	0.01 - 9.99	Calculation
PDW	16.6		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC) [^]	0		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT [^]	0.01		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	0.3		%		Flow Cytometry
ABSOLUTE EGC [^]	0		10 ³ /uL		Calculation
WBC COUNT	14.5	H	10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	74		%	40 - 75	Flow Cytometry
LYMPHOCYTES	18	L	%	30 - 60	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	10.7	H	10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.6		10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE MONOCYTE COUNT	0.4		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.3		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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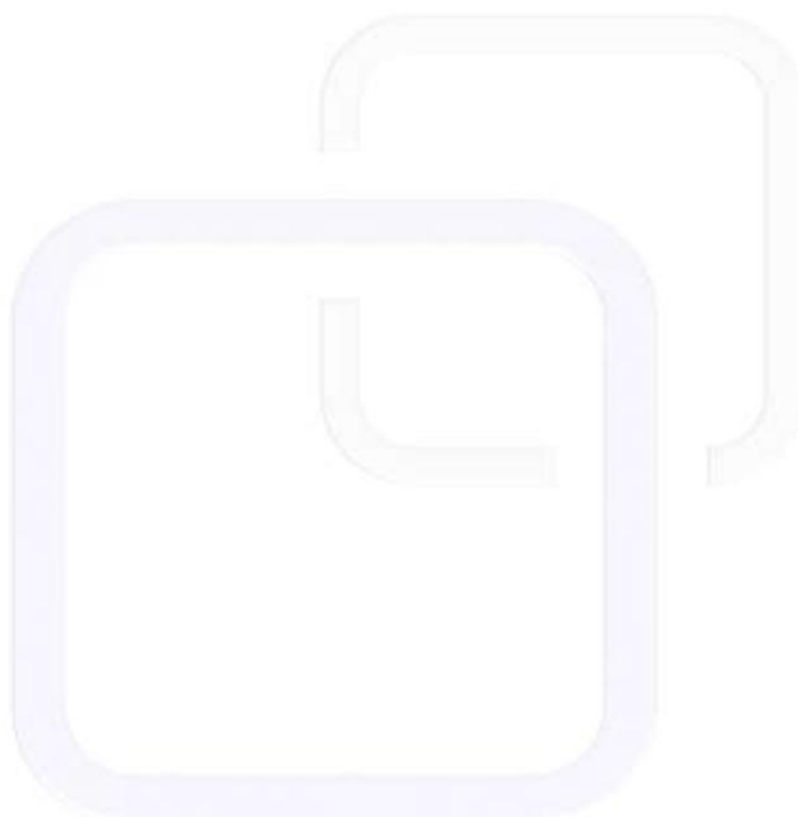
HEMATOLOGY

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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HAEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
ERYTHROCYTE SEDIMENTATION RATE (ESR)	62	H	mm/hr	< 20 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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