

Laboratory Investigation Report

BML324038

Name : Mr. OGHENEMINE ENAWORU
DOB : 28/11/1992
Age / Gender : 31 Y / Male
Referred by : DR. Sajid Sanaullah Khan
Centre : Peshawar Medical Center LLC

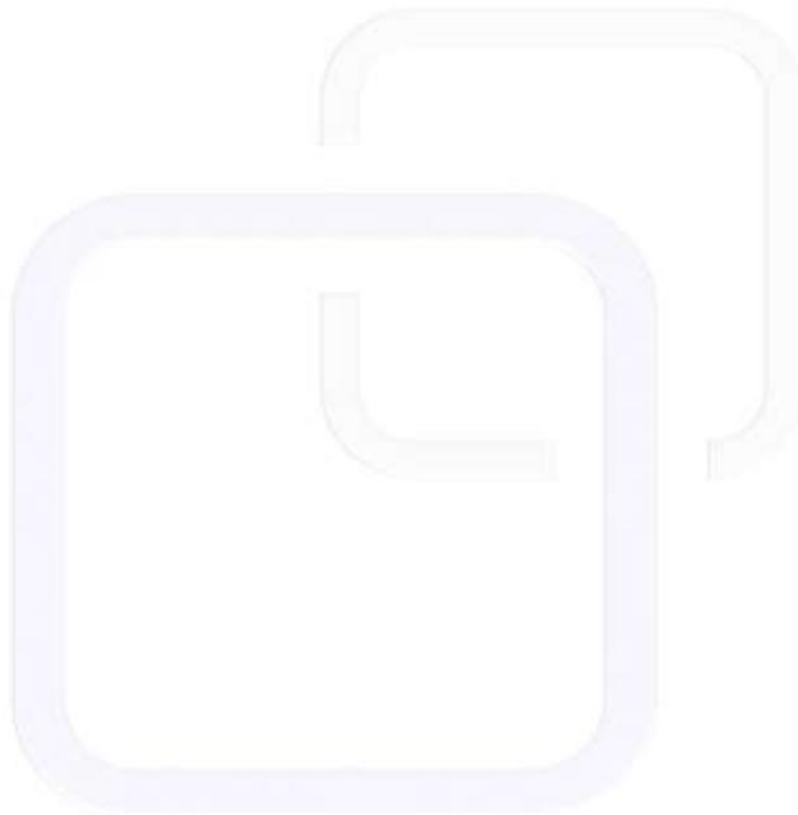
Ref No. :
Sample No. : 2402361453
Collected : 16/02/2024 10:00
Registered : 16/02/2024 20:47
Reported : 16/02/2024 22:36

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
GLUCOSE (RANDOM)	67		mg/dL	< 200	Hexokinase

Comments : Sample Type : Serum, Please correlate clinically
Sample Type : Fluoride Plasma

End of Report



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

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

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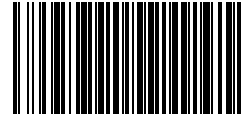
Page 1 of 5


SAGAR MURUKESAN PILLAI MOLY
Laboratory Technologist
Printed on: 16/02/2024 22:38

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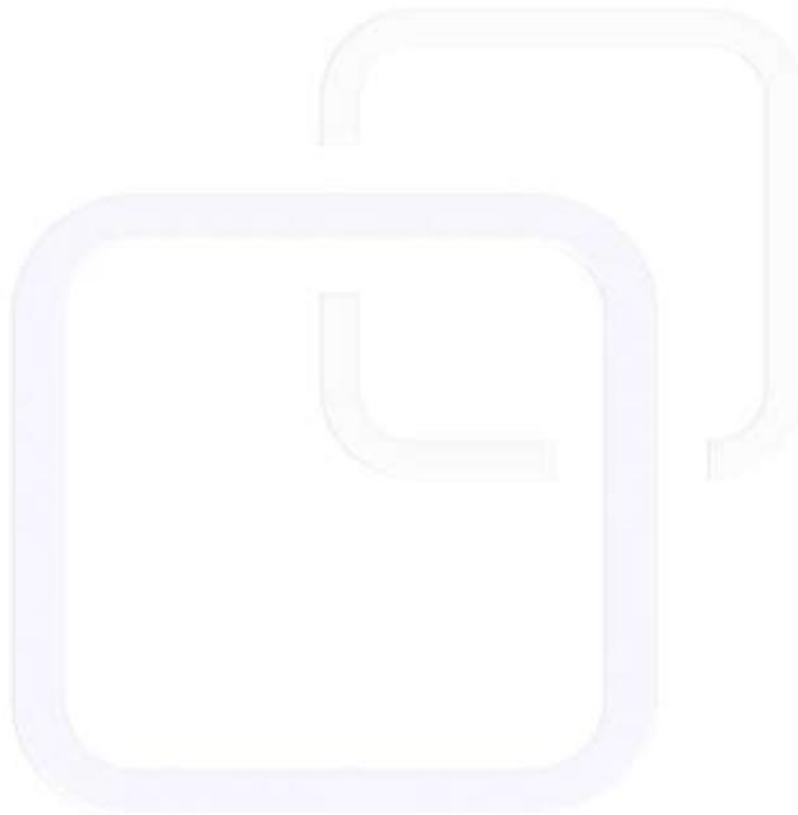
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BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
C-REACTIVE PROTEIN (CRP)	20.1	CH	mg/L	< 5.0	Immunoturbidimetry

Sample Type : Serum

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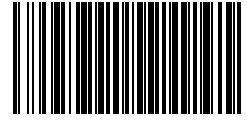
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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	14.5		g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	4.6		10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	43		%	38 - 50	Calculation
MCV	94.1		fL	82 - 98	Calculation
MCH	31.8		pg	27 - 32	Calculation
MCHC	33.8		g/dL	32 - 37	Calculation
RDW	12.5		%	11.8 - 15.6	Calculation
RDW-SD	41.6		fL		Calculation
MPV	9.6		fL	7.6 - 10.8	Calculation
PLATELET COUNT	268		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) [^]	0.3		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT [^]	0.01		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	0		%		Flow Cytometry
ABSOLUTE EGC [^]	0		10 ³ /uL		Calculation
WBC COUNT	4.6		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	58		%	40 - 75	Flow Cytometry
LYMPHOCYTES	36		%	20 - 45	Flow Cytometry
EOSINOPHILS	2		%	0 - 6	Flow Cytometry
MONOCYTES	4		%	1 - 6	Flow Cytometry
BASOPHILS	0		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	2.7		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	1		10 ³ /uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.4		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.1		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.1		10 ³ /uL	0 - 0.11	Calculation

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Haleem

HALEEM HAKKIM
Laboratory Technician

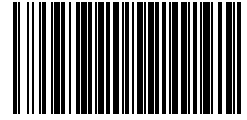
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Page 3 of 5

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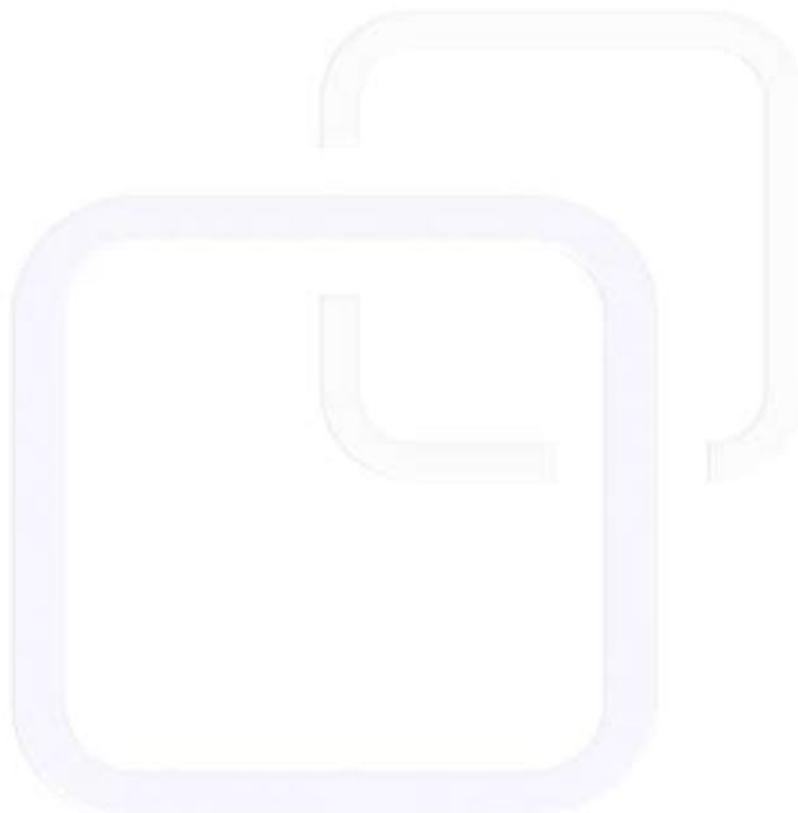
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COMPLETE BLOOD COUNT (CBC)

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



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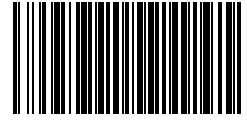
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HAEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
ERYTHROCYTE SEDIMENTATION RATE (ESR)	31	H	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

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