

Laboratory Investigation Report

BML282406

Name	: Mr. VINOD PRASAD	Ref No.	: 41130
DOB	: 04/05/1969	Sample No.	: 2310285962
Age / Gender	: 54 Y / Male	Collected	: 10/10/2023 14:14
Referred by	: DR. Sajid Sanaullah Khan	Registered	: 10/10/2023 22:45
Centre	: Peshawar Medical Center LLC	Reported	: 11/10/2023 09:18

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
GLUCOSE (RANDOM)	186		mg/dL	< 200	Hexokinase

Sample Type : Fluoride Plasma

End of Report



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

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



BHAVYA THENDANKANDY
Biochemistry Technologist

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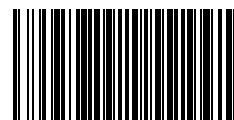
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BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
GLYCATED HEMOGLOBIN (HbA1C) ^					
HbA1C	7.4	H	%	Non- diabetic: 4.0 - 5.6 Prediabetes (Increased risk): 5.7 - 6.4 Diabetes: = or > 6.5	Capillary electrophoresis
eAG (estimated Average Glucose)	166		mg/dL	-	Calculation

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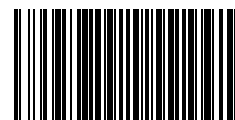
CHRISTEENA FRANCIS
Laboratory Technologist

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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	14.3		g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	4.6		10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	39.8		%	38 - 50	Calculation
MCV	85.9		fL	82 - 98	Calculation
MCH	30.8		pg	27 - 32	Calculation
MCHC	35.9		g/dL	32 - 37	Calculation
RDW	13.1		%	11.8 - 15.6	Calculation
RDW-SD	40.3		fL		Calculation
MPV	9.1		fL	7.6 - 10.8	Calculation
PLATELET COUNT	329		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 [^]	0.01		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	0.8		%		Flow Cytometry
ABSOLUTE EGC [^]	0.1		10 ³ /uL		Calculation
WBC COUNT	10.7		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	51		%	40 - 75	Flow Cytometry
LYMPHOCYTES	29		%	20 - 45	Flow Cytometry
EOSINOPHILS	14	H	%	0 - 6	Flow Cytometry
MONOCYTES	5		%	1 - 6	Flow Cytometry
BASOPHILS	1		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	5.4		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	3.1		10 ³ /uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.6		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	1.4	H	10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.1		10 ³ /uL	0 - 0.11	Calculation

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MIDHUN MANIKANDAN GEETHA
Laboratory Technologist

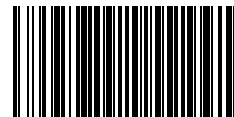
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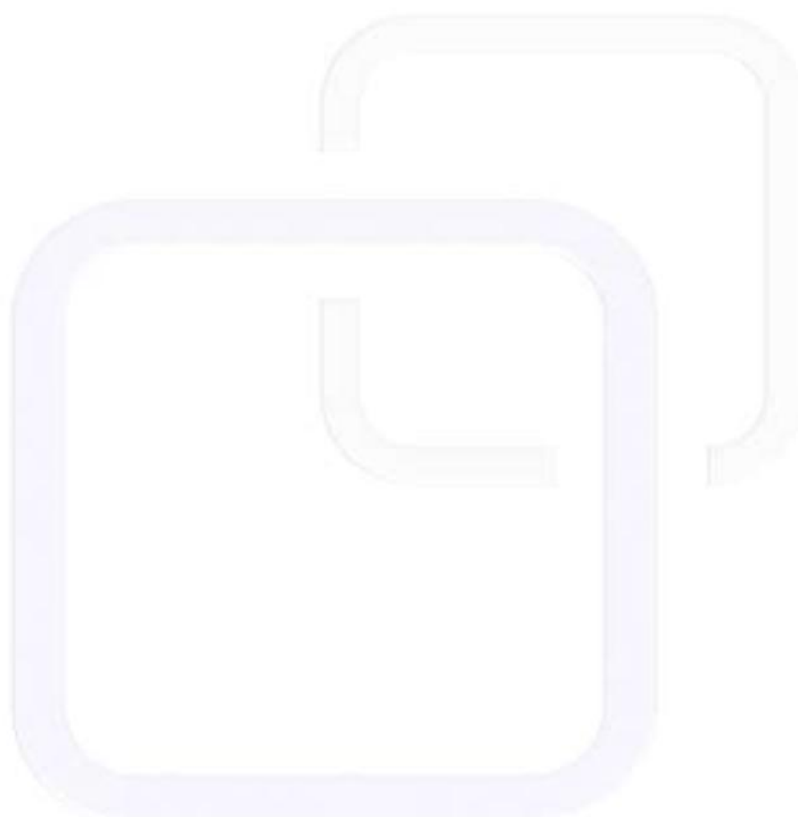
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HEMATOLOGY

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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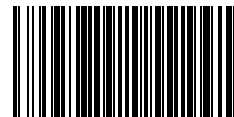
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HAEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
ERYTHROCYTE SEDIMENTATION RATE (ESR)	2		mm/hr	< 20 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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