



BML426041

Laboratory Investigation Report

Name	: Ms. MARIANA DOUMIT	Ref No.	: 43414
DOB	: 12/02/1997	Sample No.	: 2406435080
Age / Gender	: 27 Y 4 M / Female	Collected	: 21/06/2024 12:00
Referred by	: Dr. MOHAMMED M AHMED	Registered	: 22/06/2024 16:58
Centre	: Peshawar Medical Center LLC	Reported	: 22/06/2024 21:38

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
GLYCATED HEMOGLOBIN (HbA1C) ^					
HbA1C	5.0		%	Non- diabetic: 4.0 - 5.6 Prediabetes (Increased risk): 5.7 - 6.4 Diabetes: = or > 6.5	Capillary electrophoresis
eAG (estimated Average Glucose)	97		mg/dL	-	Calculation

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

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



Reena Babu
Laboratory Technologist

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Registered : 22/06/2024 16:58
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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	13.3		g/dL	12 - 15.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	4.6		10 ⁶ /μL	3.9 - 5	Electrical Impedance
HEMATOCRIT	38.9		%	35 - 45	Calculation
MCV	85.1		fL	82 - 98	Calculation
MCH	29.0		pg	27 - 32	Calculation
MCHC	34.1		g/dL	32 - 37	Calculation
RDW	12.9		%	11.9 - 15.5	Calculation
RDW-SD	38.5		fL		Calculation
MPV	10.1		fL	7.6 - 10.8	Calculation
PLATELET COUNT	183		10 ³ /uL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	17.4		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC) [^]	1.4		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT [^]	0.09		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	0.0		%		Flow Cytometry
ABSOLUTE EGC [^]	0.0		10 ³ /uL		Calculation
WBC COUNT	6.4		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	60		%	40 - 75	Flow Cytometry
LYMPHOCYTES	33		%	30 - 60	Flow Cytometry
EOSINOPHILS	1		%	0 - 6	Flow Cytometry
MONOCYTES	6		%	1 - 6	Flow Cytometry
BASOPHILS	0		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	3.8		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.1		10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE MONOCYTE COUNT	0.5		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.0		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.0		10 ³ /uL	0 - 0.11	Calculation

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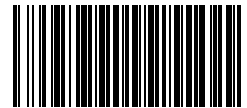
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HEMATOLOGY

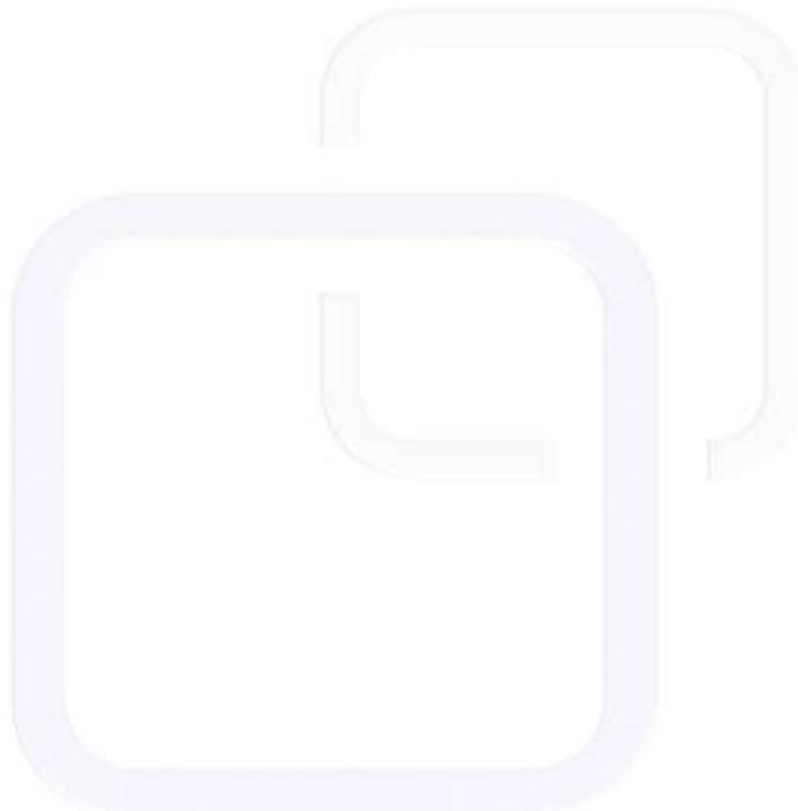
Test	Result	Flag	Unit	Reference Range	Methodology
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COMPLETE BLOOD COUNT (CBC)

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

Sample Type : EDTA Whole Blood

End of Report



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