



BML400345

Laboratory Investigation Report

Name	: MA RUBIETHA SOBERANO ALPES	Ref No.	: 31792
DOB	: 01/01/1984	Sample No.	: 2405408305
Age / Gender	: 40 Y / Female	Collected	: 14/05/2024 09:40
Referred by	: Dr Sandia	Registered	: 14/05/2024 15:24
Centre	: Peshawar Medical Center LLC	Reported	: 14/05/2024 18:38

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
LIPID PROFILE TEST					
CHOLESTEROL (TOTAL)	239	H	mg/dl	Desirable: < 200 Borderline High: 200 - 239 High: ≥ 240 Please note change. Source: Roche IFU.	Enzymatic colorimetric assay
HDL CHOLESTEROL	59		mg/dl	40 - 60 Please note change. Source: Roche IFU.	Homogeneous enzymatic colorimetric assay
LDL CHOLESTEROL DIRECT	156	H	mg/dl	Optimal: < 100 Near/Above Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: ≥ 190 Please note change. Source: Roche IFU.	Homogeneous enzymatic colorimetric assay
VLDL CHOLESTEROL	50	H	mg/dL	< 30	Calculation
NON-HDL CHOLESTEROL	206	H	mg/dL	< 140	Calculation
TRIGLYCERIDES	251	H	mg/dl	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: > 500 Source: Roche IFU.	Enzymatic colorimetric assay
TOTAL CHOLESTEROL / HDL RATIO	4.1	--	--	< 4.5	Calculation
LDL / HDL RATIO	2.6	--	--	< 3.5	Calculation

Sample Type : Serum

End of Report

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

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

NAZAR MOHAMED ALI
Laboratory Technologist

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HEMATOLOGY

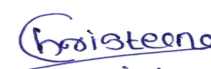
Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	13.8		g/dL	12 - 15.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	4.8		10 ⁶ /μL	3.9 - 5	Electrical Impedance
HEMATOCRIT	41.7		%	35 - 45	Calculation
MCV	87		fL	82 - 98	Calculation
MCH	28.8		pg	27 - 32	Calculation
MCHC	33.1		g/dL	32 - 37	Calculation
RDW	13		%	11.9 - 15.5	Calculation
RDW-SD	39.4		fL		Calculation
MPV	8.4		fL	7.6 - 10.8	Calculation
PLATELET COUNT	421		10 ³ /μL	150 - 450	Electrical Impedance
PCT	0.4		%	0.01 - 9.99	Calculation
PDW	16.7		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) [^]	0.4		%		Flow Cytometry
ABSOLUTE EGC [^]	0		10 ³ /uL		Calculation
WBC COUNT	10.8		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	62		%	40 - 75	Flow Cytometry
LYMPHOCYTES	28	L	%	30 - 60	Flow Cytometry
EOSINOPHILS	6		%	0 - 6	Flow Cytometry
MONOCYTES	3		%	1 - 6	Flow Cytometry
BASOPHILS	1		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	6.7		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	3.1		10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE MONOCYTE COUNT	0.3		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.6		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.1		10 ³ /uL	0 - 0.11	Calculation

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

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CHRISTEENA FRANCIS
Laboratory Technologist

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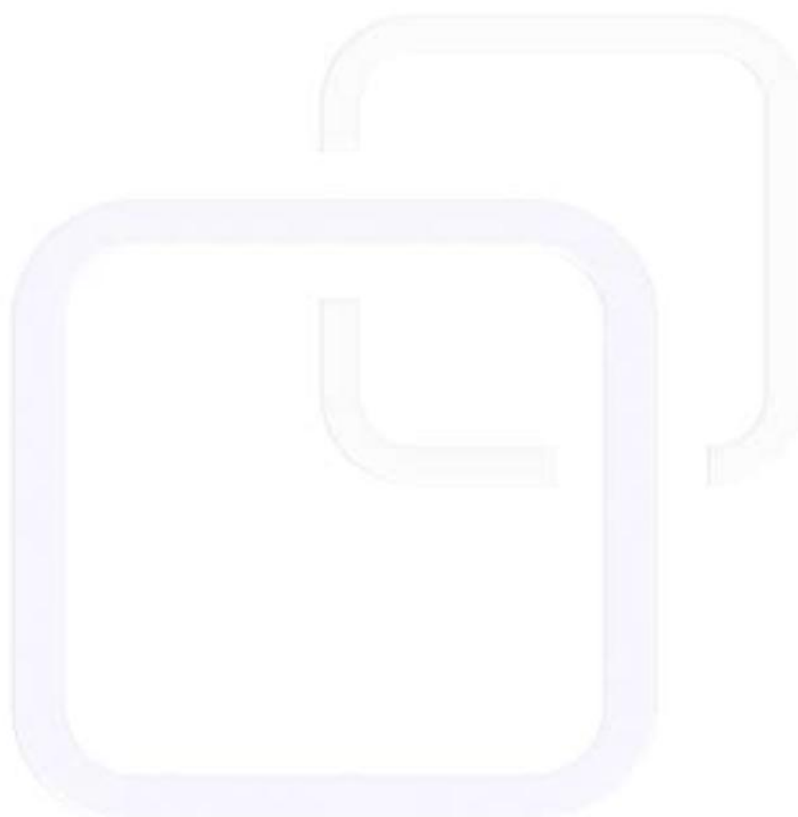
Test	Result	Flag	Unit	Reference Range	Methodology
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COMPLETE BLOOD COUNT (CBC)

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

Sample Type : EDTA Whole Blood

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