

BML480544

Laboratory Investigation Report

Name : Miss. SHERYL ARMINTIA DE VILLA
DOB : 21/07/1985
Age / Gender : 39 Y / Female
Referred by : Dr.Ahsan Hussain
Centre : CITICARE MEDICAL CENTER

Ref No. : 44610
Sample No. : 2410491162
Collected : 22/10/2024 12:15
Registered : 22/10/2024 17:33
Reported : 22/10/2024 19:17

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
LIPID PROFILE TEST					
CHOLESTEROL (TOTAL)	195		mg/dl	Desirable: < 200 Borderline High: 200 - 239 High: = 240 Please note change. Source: Roche IFU.	Enzymatic colorimetric assay
HDL CHOLESTEROL	81	H	mg/dl	40 - 60 Please note change. Source: Roche IFU.	Homogeneous enzymatic colorimetric assay
LDL CHOLESTEROL DIRECT	98		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	23		mg/dL	< 30	Calculation
NON-HDL CHOLESTEROL	121		mg/dL	< 140	Calculation
TRIGLYCERIDES	113		mg/dl	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: > 500 Source: Roche IFU.	Enzymatic colorimetric assay
TOTAL CHOLESTEROL / HDL RATIO	2.4			< 4.5	Calculation
LDL / HDL RATIO	1.2			< 3.5	Calculation

Sample Type : Serum

End of Report

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

This is an electronically authenticated report


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

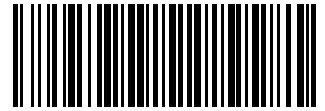
Page 1 of 3


MOHAMMED RASHID CHENANGADATH
Laboratory Technologist

Printed on: 22/10/2024 19:44

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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	14.3		g/dL	12 - 15.5	Photometric
RBC COUNT	4.3		10 ⁶ /μL	3.9 - 5	Electrical Impedance
HEMATOCRIT	42.2		%	35 - 45	Calculation
MCV	97.3		fL	82 - 98	Calculation
MCH	33	H	pg	27 - 32	Calculation
MCHC	33.9		g/dL	32 - 37	Calculation
RDW	13.6		%	11.9 - 15.5	Calculation
RDW-SD	45.9		fL		Calculation
MPV	7.3	L	fL	7.6 - 10.8	Calculation
PLATELET COUNT	192		10 ³ /uL	150 - 450	Electrical Impedance
PCT	0.1		%	0.01 - 9.99	Calculation
PDW	16.1		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC) [^]	0.2		/100 WBC		VCS 360 Technology
ABSOLUTE NRBC COUNT [^]	0.01		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	0		%		VCS 360 Technology
ABSOLUTE EGC [^]	0		10 ³ /uL		Calculation
WBC COUNT	4.2		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	38	L	%	40 - 75	VCS 360 Technology
LYMPHOCYTES	49		%	30 - 60	VCS 360 Technology
EOSINOPHILS	8	H	%	0 - 6	VCS 360 Technology
MONOCYTES	5		%	1 - 6	VCS 360 Technology
BASOPHILS	0		%	0 - 1	VCS 360 Technology
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	1.5	L	10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.0		10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE MONOCYTE COUNT	0.5		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.3		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.0		10 ³ /uL	0 - 0.11	Calculation

Comments : Please correlate clinically.

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

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

Reena Babu
Reena Babu
Laboratory Technologist

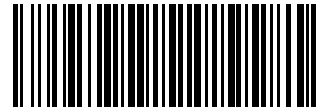
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Page 2 of 3

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HEMATOLOGY

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COMPLETE BLOOD COUNT (CBC)					

INTERPRETATION NOTES :

Please note update on CBC report format, reference ranges and method(Beckman Coulter).

Sample Type : EDTA Whole Blood

End of Report

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