



BML492910

Laboratory Investigation Report

Name	: Ms. ROSE NAMBOZO	Ref No.	: 44994
DOB	: 10/10/1992	Sample No.	: 2411503823
Age / Gender	: 32 Y / Female	Collected	: 23/11/2024 16:16
Referred by	: DR AHSAN	Registered	: 23/11/2024 21:55
Centre	: CITICARE MEDICAL CENTER	Reported	: 24/11/2024 14:41

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	5.8	CL	g/dL	12 - 15.5	Photometric
RBC COUNT	4.0		10 ⁶ /μL	3.9 - 5	Electrical Impedance
HEMATOCRIT	20.9	L	%	35 - 45	Calculation
MCV	52.3	L	fL	82 - 98	Calculation
MCH	14.6	L	pg	27 - 32	Calculation
MCHC	27.9	L	g/dL	32 - 37	Calculation
RDW	25.9	H	%	11.9 - 15.5	Calculation
RDW-SD	48.1		fL		Calculation
MPV	9.0		fL	7.6 - 10.8	Calculation
PLATELET COUNT	283		10 ³ /uL	150 - 450	Electrical Impedance
PCT	0.3		%	0.01 - 9.99	Calculation
PDW	16.4		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC)^	0.1		/100 WBC		VCS 360 Technology
ABSOLUTE NRBC COUNT^	0.01		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC)^	0.0		%		VCS 360 Technology
ABSOLUTE EGC^	0.0		10 ³ /uL		Calculation
WBC COUNT	3.8	L	10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	62		%	40 - 75	VCS 360 Technology
LYMPHOCYTES	32		%	30 - 60	VCS 360 Technology
EOSINOPHILS	1		%	0 - 6	VCS 360 Technology
MONOCYTES	5		%	1 - 6	VCS 360 Technology
BASOPHILS	0		%	0 - 1	VCS 360 Technology
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	2.3		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	1.2		10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE MONOCYTE COUNT	0.2		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.1		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.0		10 ³ /uL	0 - 0.11	Calculation

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Pathologist

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This is an electronically authenticated report

Page 1 of 2

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Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189:2012 unless specified by (^). Test marked with # is performed in an accredited referral laboratory.





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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).

INTERPRETATION NOTES :

RBC- Markedly microcytic hypochromic RBCs showing moderate anisopoikilocytosis with few elliptocytes, poikilocytes, polychromatic cells, tear drop cells and occasional target cells seen.

WBC- Leucopenia

Platelets - Adequate

Impression: 1) Marked microcytic hypochromic anemia

2) Leucopenia

Advice: Kindly do further work up in view of bicytopenia

Note: Smear reviewed by Pathologist

Sample Type : EDTA Whole Blood

End of Report

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