biosytech
MEDICAL LABORATORY

BML460788

Laboratory Investigation Report

Name	:	Mr. ANTHONY RICHARDSON JOHNSON	**Ref No.**	:	31974
DOB	:	22/10/1985	**Sample No.**	:	2409471075
Age / Gender	:	38 Y / Male	**Collected**	:	02/09/2024 14:30
Referred by	:	DR HUMAIRA	**Registered**	:	02/09/2024 22:45
Centre	:	CITICARE MEDICAL CENTER	**Reported**	:	02/09/2024 23:20

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	16.1		g/dL	13.5 - 17.5	Photometric
RBC COUNT	5.3		10^6/µL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	47.4		%	38 - 50	Calculation
MCV	88.6		fL	82 - 98	Calculation
MCH	30.2		pg	27 - 32	Calculation
MCHC	34.1		g/dL	32 - 37	Calculation
RDW	13.1		%	11.8 - 15.6	Calculation
RDW-SD	40.3		fL		Calculation
MPV	9.9		fL	7.6 - 10.8	Calculation
PLATELET COUNT	190		10^3/uL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	17.5		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)^	0.1		%		VCS 360 Technology
ABSOLUTE EGC^	0.0		10^3/uL		Calculation
WBC COUNT	7.9		10^3/µL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	65		%	40 - 75	VCS 360 Technology
LYMPHOCYTES	23		%	20 - 45	VCS 360 Technology
EOSINOPHILS	7	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	5.0		10^3/uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	1.8		10^3/uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.3		10^3/uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.5		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

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

Thahsina Anees
Laboratory Technologist
Printed on: 03/09/2024 00:28

This is an electronically authenticated report

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HEMATOLOGY

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

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

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HAEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
ERYTHROCYTE SEDIMENTATION RATE (ESR)	20	H	mm/hr	< 15 Please note change in reference range and method.	Automated

Comments : Please correlate clinically.

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*

End of Report

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Pathologist

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