



BML450833

Laboratory Investigation Report

Name : Mr. IRFANULLAH ASLAM
DOB : 09/01/1993
Age / Gender : 31 Y / Male
Referred by : DR AHSAN
Centre : CITICARE MEDICAL CENTER

Ref No. : 42941
Sample No. : 2408460847
Collected : 10/08/2024 20:00
Registered : 10/08/2024 22:08
Reported : 10/08/2024 23:01

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	14.3		g/dL	13.5 - 17.5	Photometric
RBC COUNT	5.1		10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	41.4		%	38 - 50	Calculation
MCV	81.6	L	fL	82 - 98	Calculation
MCH	28.3		pg	27 - 32	Calculation
MCHC	34.7		g/dL	32 - 37	Calculation
RDW	13.4		%	11.8 - 15.6	Calculation
RDW-SD	38.5		fL		Calculation
MPV	10.9	H	fL	7.6 - 10.8	Calculation
PLATELET COUNT	228		10 ³ /uL	150 - 450	Electrical Impedance
PCT	0.3		%	0.01 - 9.99	Calculation
PDW	17.8		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC)^	0.3		/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	5.7		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	55		%	40 - 75	VCS 360 Technology
LYMPHOCYTES	37		%	20 - 45	VCS 360 Technology
EOSINOPHILS	2		%	0 - 6	VCS 360 Technology
MONOCYTES	6		%	1 - 6	VCS 360 Technology
BASOPHILS	0		%	0 - 1	VCS 360 Technology
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	2.7		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.1		10 ³ /uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.6		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

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

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



Reena Babu
Laboratory Technologist

This is an electronically authenticated report

Page 1 of 3

Printed on: 11/08/2024 09:26

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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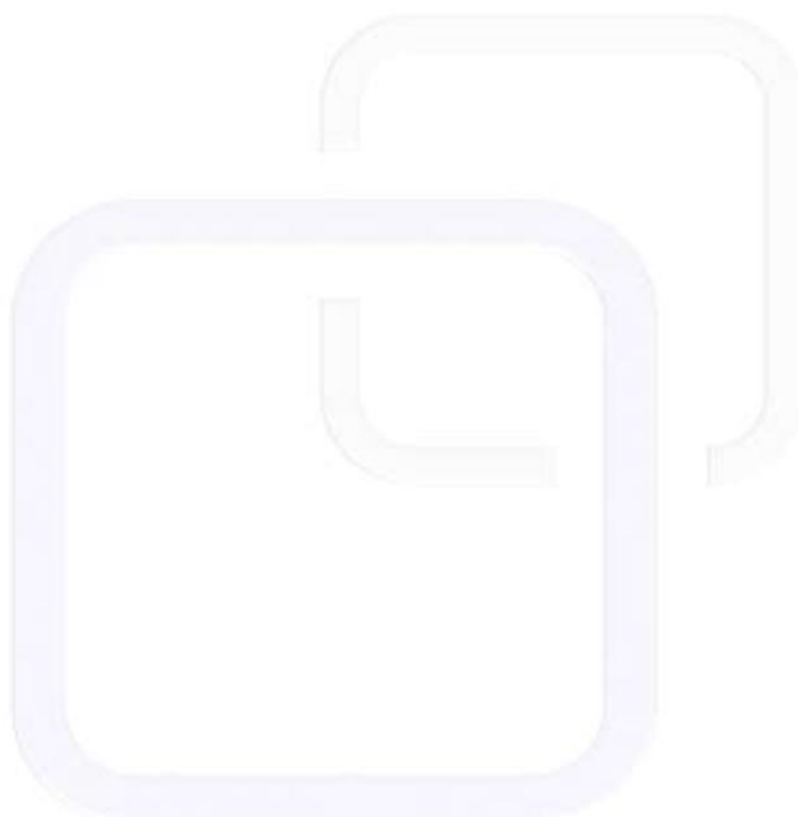
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HEMATOLOGY

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COMPLETE BLOOD COUNT (CBC)

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



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HAEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
ERYTHROCYTE SEDIMENTATION RATE (ESR)	12		mm/hr	< 15 Please note change in reference range and method.	Automated

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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Page 3 of 3



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