



BML435840

Laboratory Investigation Report

Name : Miss. CHRISTINA KARUNIA
DOB : 24/12/1984
Age / Gender : 39 Y / Female
Referred by : DR. HUMAIRA MUMTAZ
Centre : CITICARE MEDICAL CENTER

Ref No. :
Sample No. : 2407445586
Collected : 08/07/2024 17:47
Registered : 09/07/2024 10:09
Reported : 09/07/2024 11:14

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	14.0		g/dL	12 - 15.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	4.8		10 ⁶ /μL	3.9 - 5	Electrical Impedance
HEMATOCRIT	41.4		%	35 - 45	Calculation
MCV	85.5		fL	82 - 98	Calculation
MCH	28.7		pg	27 - 32	Calculation
MCHC	33.5		g/dL	32 - 37	Calculation
RDW	12.9		%	11.9 - 15.5	Calculation
RDW-SD	38.1		fL		Calculation
MPV	8		fL	7.6 - 10.8	Calculation
PLATELET COUNT	310		10 ³ /uL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	16.8		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) [^]	0.2		%		Flow Cytometry
ABSOLUTE EGC [^]	0.0		10 ³ /uL		Calculation
WBC COUNT	10.1		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	71		%	40 - 75	Flow Cytometry
LYMPHOCYTES	20	L	%	30 - 60	Flow Cytometry
EOSINOPHILS	4		%	0 - 6	Flow Cytometry
MONOCYTES	5		%	1 - 6	Flow Cytometry
BASOPHILS	0		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	7.1		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.0		10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE MONOCYTE COUNT	0.4		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.4		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	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

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MOHAMMED RASHID CHENANGADATH
 Laboratory Technologist

Printed on: 09/07/2024 11:43

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.





Laboratory Investigation Report

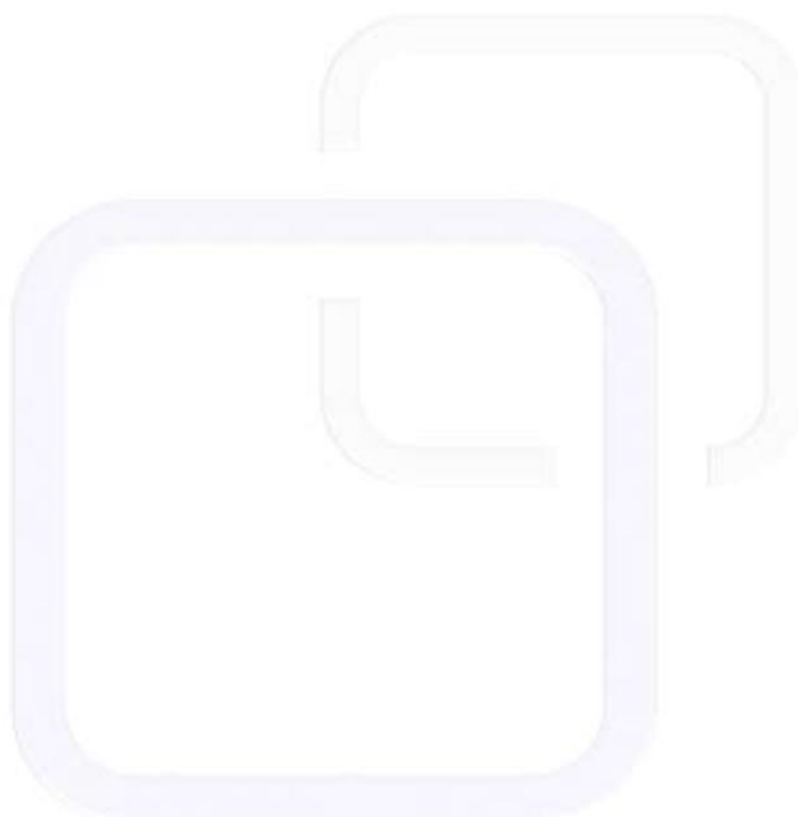
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HEMATOLOGY

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COMPLETE BLOOD COUNT (CBC)

INTERPRETATION NOTES : Please note update on CBC report format and changes in reference ranges.



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HAEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
ERYTHROCYTE SEDIMENTATION RATE (ESR)	11		mm/hr	< 20 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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