

BML428779

Laboratory Investigation Report

Name	: Mr. JAREESH DOMINIC REJI DOMINIC	Ref No.	: 43358
DOB	: 12/04/1999	Sample No.	: 2406437922
Age / Gender	: 25 Y / Male	Collected	: 26/06/2024 19:00
Referred by	: DR HUMAIRA	Registered	: 26/06/2024 22:17
Centre	: Peshawar Medical Center LLC	Reported	: 26/06/2024 23:19

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	15.9		g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	5.5		10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	46.3		%	38 - 50	Calculation
MCV	84		fL	82 - 98	Calculation
MCH	28.8		pg	27 - 32	Calculation
MCHC	34.3		g/dL	32 - 37	Calculation
RDW	12.7		%	11.8 - 15.6	Calculation
RDW-SD	36.8		fL		Calculation
MPV	8.2		fL	7.6 - 10.8	Calculation
PLATELET COUNT	208		10 ³ /uL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	16.7		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC) [^]	1.5		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT [^]	0.11		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	0.1		%		Flow Cytometry
ABSOLUTE EGC [^]	0		10 ³ /uL		Calculation
WBC COUNT	7.3		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	65		%	40 - 75	Flow Cytometry
LYMPHOCYTES	26		%	20 - 45	Flow Cytometry
EOSINOPHILS	2		%	0 - 6	Flow Cytometry
MONOCYTES	6		%	1 - 6	Flow Cytometry
BASOPHILS	1		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	4.8		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	1.8		10 ³ /uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.6		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.1		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0		10 ³ /uL	0 - 0.11	Calculation

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

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

NAZAR MOHAMED ALI
Laboratory Technologist

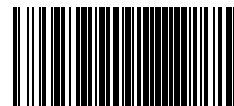
This is an electronically authenticated report

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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

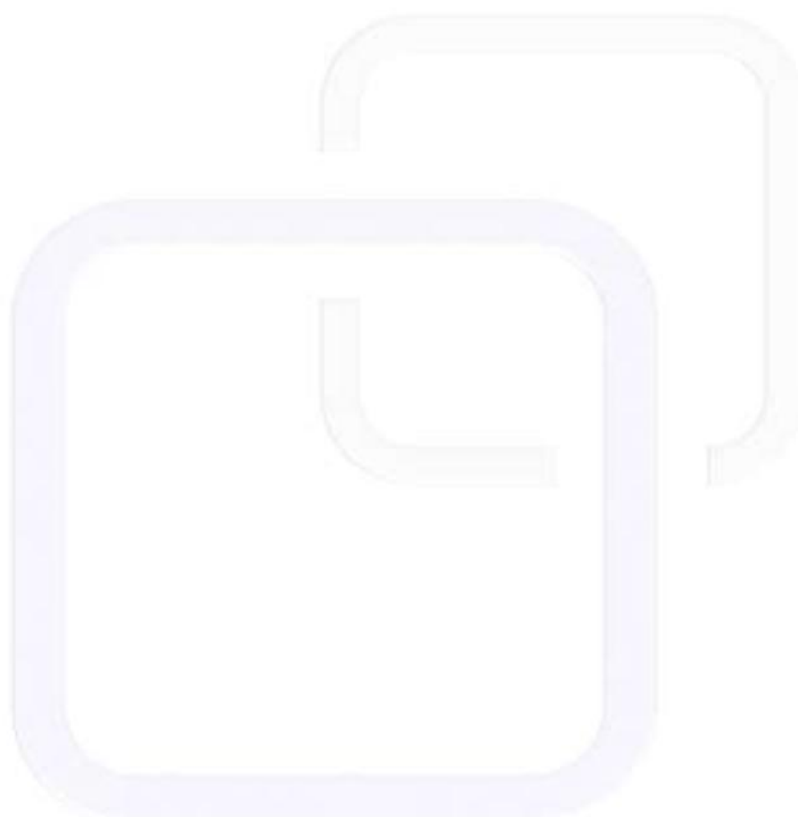
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COMPLETE BLOOD COUNT (CBC)

Interpretation Notes : Please note update on CBC report format and changes in reference ranges.

Sample Type : EDTA Whole Blood

End of Report



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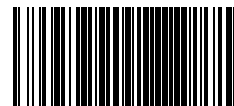

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Laboratory Technologist
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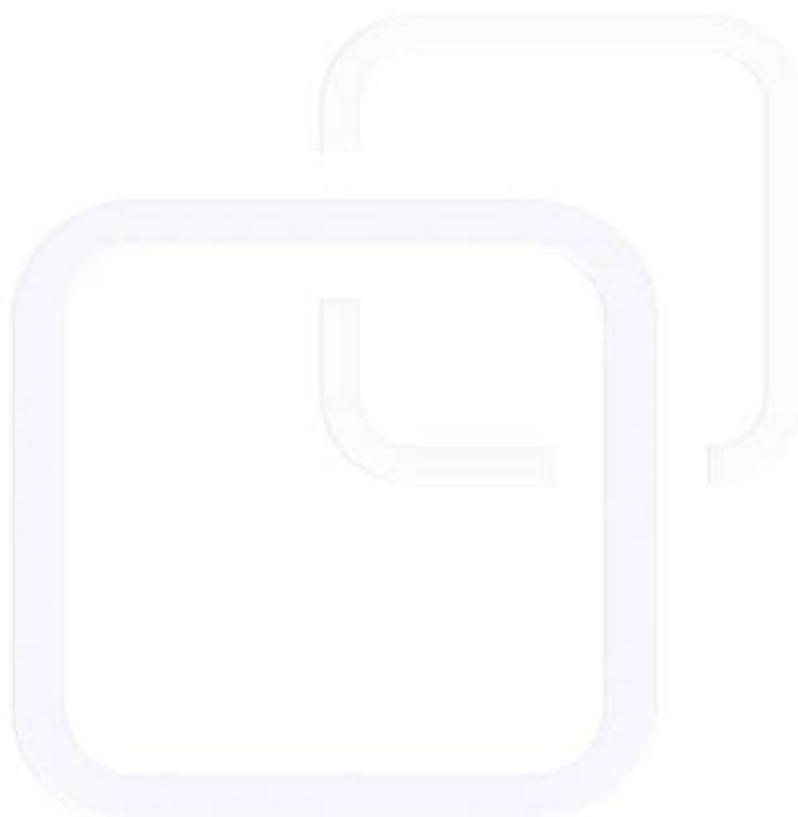
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ENDOCRINOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
THYROID STIMULATING HORMONE (TSH)	0.758		uIU/mL	0.27 - 4.2	ECLIA

Sample Type : Serum

End of Report



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Pathologist

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BHAVYA THENDANKANDY
Biochemistry Technologist

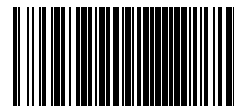
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HAEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
ERYTHROCYTE SEDIMENTATION RATE (ESR)	1		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

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