

Laboratory Investigation Report

BML284025

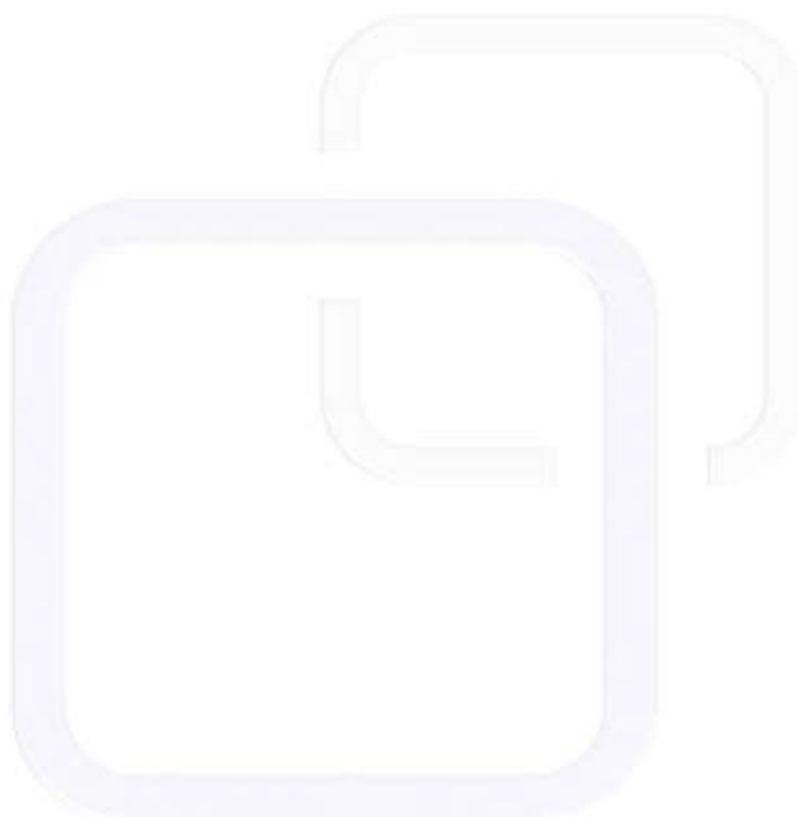
Name	: POOSAIPANDI MANICKAM MANICKAM	Ref No.	: 40442
DOB	: 07/05/1987	Sample No.	: 2310287604
Age / Gender	: 36 Y / Male	Collected	: 12/10/2023 13:00
Referred by	: DR. SAJID	Registered	: 13/10/2023 15:49
Centre	: Peshawar Medical Center LLC	Reported	: 13/10/2023 18:08

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
C-REACTIVE PROTEIN (CRP)	3		mg/L	< 5.0 Please note change in reference range.	Immunoturbidimetry

Sample Type : Serum

End of Report



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

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

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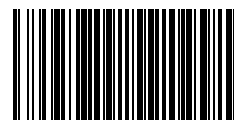
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SAGAR MURUKESAN PILLAI MOLY
Laboratory Technologist
Printed on: 13/10/2023 18:44

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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	14.3		g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	4.7		10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	42.2		%	38 - 50	Calculation
MCV	89.4		fL	82 - 98	Calculation
MCH	30.3		pg	27 - 32	Calculation
MCHC	33.9		g/dL	32 - 37	Calculation
RDW	12.7		%	11.8 - 15.6	Calculation
RDW-SD	39.8		fL		Calculation
MPV	10.3		fL	7.6 - 10.8	Calculation
PLATELET COUNT	166		10 ³ /μL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	17		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC) [^]	0.3		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT [^]	0.03		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	0.3		%		Flow Cytometry
ABSOLUTE EGC [^]	0		10 ³ /uL		Calculation
WBC COUNT	8.7		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	62		%	40 - 75	Flow Cytometry
LYMPHOCYTES	28		%	20 - 45	Flow Cytometry
EOSINOPHILS	4		%	0 - 6	Flow Cytometry
MONOCYTES	6		%	1 - 6	Flow Cytometry
BASOPHILS	0		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	5.0		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.2		10 ³ /uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.6		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.3		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.1		10 ³ /uL	0 - 0.11	Calculation

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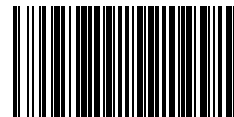
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MOHAMMED RASHID CHENANGADATH
Laboratory Technologist

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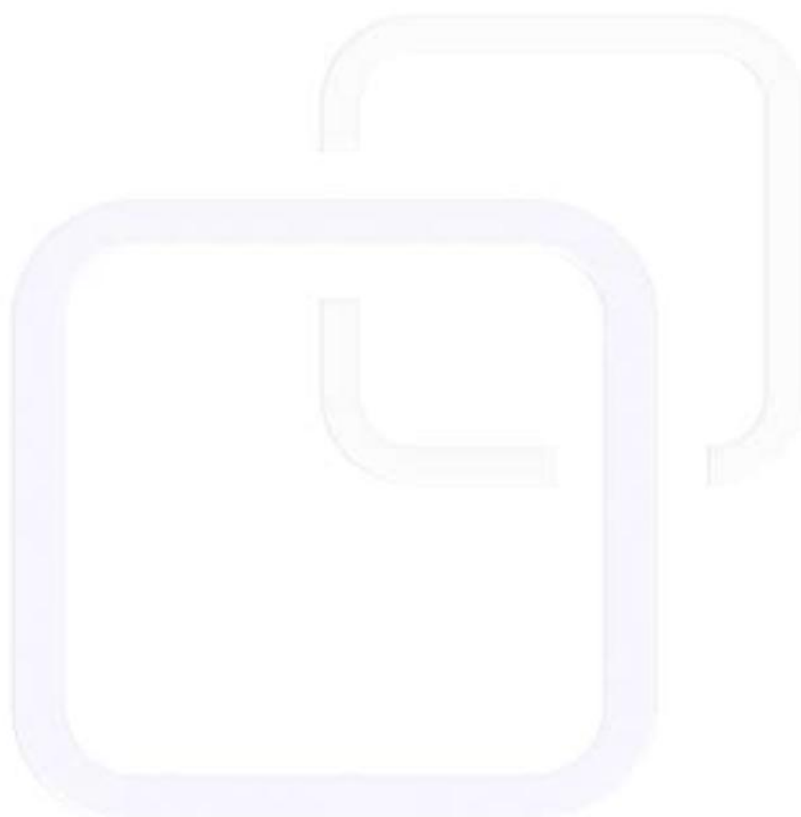
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HEMATOLOGY

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COMPLETE BLOOD COUNT (CBC)

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



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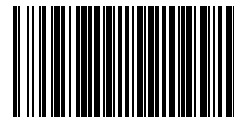
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HAEMATOLOGY

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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