



BML401237

Laboratory Investigation Report

Name	: Miss. SHAIKH SHARMIN MOHAMMED ARIF	Ref No.	: 41428
DOB	: 03/09/1979	Sample No.	: 2405409209
Age / Gender	: 44 Y / Female	Collected	: 15/05/2024 12:00
Referred by	: DR. HUMAIRA MUMTAZ	Registered	: 15/05/2024 18:45
Centre	: Peshawar Medical Center LLC	Reported	: 15/05/2024 21:26

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
C-REACTIVE PROTEIN (CRP)	2.9		mg/L	< 5.0	Immunoturbidimetry

Sample Type : Serum

End of Report



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

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


NAZAR MOHAMED ALI
Laboratory Technologist
Printed on: 15/05/2024 21:46

This is an electronically authenticated report

Page 1 of 4

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.





BML401237

Laboratory Investigation Report

Name	: Miss. SHAIKH SHARMIN MOHAMMED ARIF	Ref No.	: 41428
DOB	: 03/09/1979	Sample No.	: 2405409209
Age / Gender	: 44 Y / Female	Collected	: 15/05/2024 12:00
Referred by	: DR. HUMAIRA MUMTAZ	Registered	: 15/05/2024 18:45
Centre	: Peshawar Medical Center LLC	Reported	: 15/05/2024 21:16

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	9.2	L	g/dL	12 - 15.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	4.1		10 ⁶ /μL	3.9 - 5	Electrical Impedance
HEMATOCRIT	29.5	L	%	35 - 45	Calculation
MCV	72.9	L	fL	82 - 98	Calculation
MCH	22.7	L	pg	27 - 32	Calculation
MCHC	31.1	L	g/dL	32 - 37	Calculation
RDW	17.5	H	%	11.9 - 15.5	Calculation
RDW-SD	45.5		fL		Calculation
MPV	8.7		fL	7.6 - 10.8	Calculation
PLATELET COUNT	305		10 ³ /μL	150 - 450	Electrical Impedance
PCT	0.3		%	0.01 - 9.99	Calculation
PDW	17.1		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) [^]	0.4		%		Flow Cytometry
ABSOLUTE EGC [^]	0		10 ³ /uL		Calculation
WBC COUNT	7.9		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	55		%	40 - 75	Flow Cytometry
LYMPHOCYTES	35		%	30 - 60	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	4.3		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.8		10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE MONOCYTE COUNT	0.4		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.3		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



MUBASHER ZAHOOR
Laboratory Technologist

This is an electronically authenticated report

Page 2 of 4

Printed on: 15/05/2024 21:46

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.





BML401237

Laboratory Investigation Report

Name	: Miss. SHAIKH SHARMIN MOHAMMED ARIF	Ref No.	: 41428
DOB	: 03/09/1979	Sample No.	: 2405409209
Age / Gender	: 44 Y / Female	Collected	: 15/05/2024 12:00
Referred by	: DR. HUMAIRA MUMTAZ	Registered	: 15/05/2024 18:45
Centre	: Peshawar Medical Center LLC	Reported	: 15/05/2024 21:16

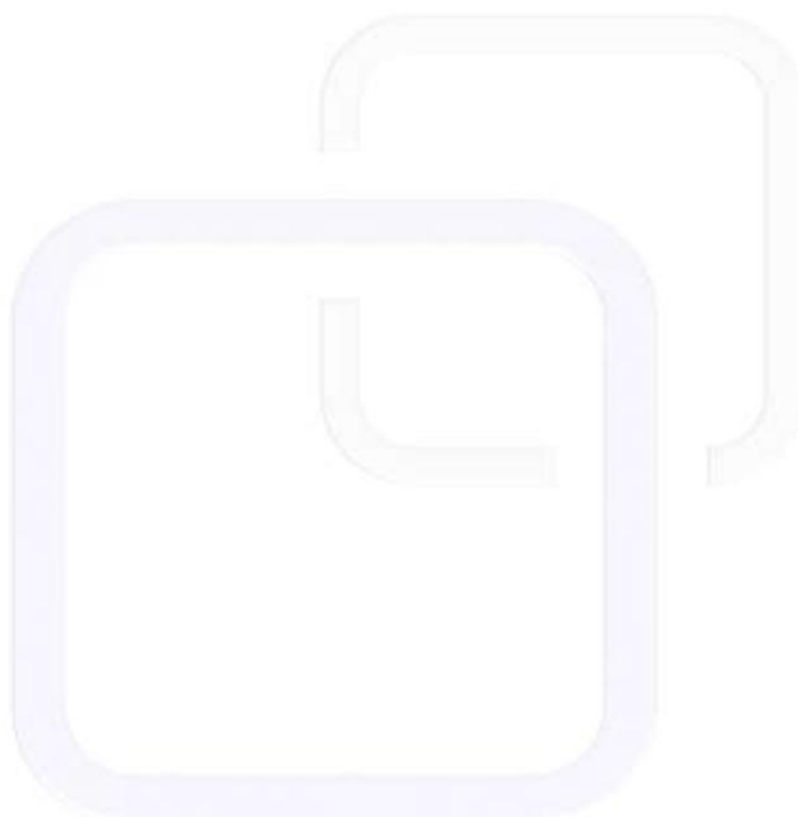
HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
------	--------	------	------	-----------------	-------------

COMPLETE BLOOD COUNT (CBC)

Comments : Please correlate clinically.

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



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

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

Mubasher

MUBASHER ZAHOOR
Laboratory Technologist

This is an electronically authenticated report

Page 3 of 4

Printed on: 15/05/2024 21:46

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.





BML401237

Laboratory Investigation Report

Name	: Miss. SHAIKH SHARMIN MOHAMMED ARIF	Ref No.	: 41428
DOB	: 03/09/1979	Sample No.	: 2405409209
Age / Gender	: 44 Y / Female	Collected	: 15/05/2024 12:00
Referred by	: DR. HUMAIRA MUMTAZ	Registered	: 15/05/2024 18:45
Centre	: Peshawar Medical Center LLC	Reported	: 15/05/2024 21:44

HAEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
ERYTHROCYTE SEDIMENTATION RATE (ESR)	26	H	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

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

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

This is an electronically authenticated report

Page 4 of 4


MUBASHER ZAHOOR
Laboratory Technologist
Printed on: 15/05/2024 21:46

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.

