



BML405316

Laboratory Investigation Report

Name	: Mr. AKASH	Ref No.	: 43178
DOB	: 28/06/2000	Sample No.	: 2405413440
Age / Gender	: 23 Y / Male	Collected	: 21/05/2024 20:00
Referred by	: DR HUMAIRA	Registered	: 21/05/2024 23:19
Centre	: Peshawar Medical Center LLC	Reported	: 22/05/2024 08:33

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
C-REACTIVE PROTEIN (CRP)	2.2		mg/L	< 5.0 Please note change. Source: Roche IFU.	Immunoturbidimetry

Sample Type : Serum

End of Report

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

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

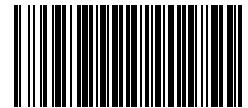
This is an electronically authenticated report

Page 1 of 4


SAGAR MURUKESAN PILLAI MOLY
Laboratory Technologist
Printed on: 22/05/2024 08:35

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.





BML405316

Laboratory Investigation Report

Name : Mr. AKASH
DOB : 28/06/2000
Age / Gender : 23 Y / Male
Referred by : DR HUMAIRA
Centre : Peshawar Medical Center LLC

Ref No. : 43178
Sample No. : 2405413440
Collected : 21/05/2024 20:00
Registered : 21/05/2024 23:19
Reported : 22/05/2024 00:17

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	15.3		g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	5.1		10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	46.2		%	38 - 50	Calculation
MCV	90.9		fL	82 - 98	Calculation
MCH	30.2		pg	27 - 32	Calculation
MCHC	33.2		g/dL	32 - 37	Calculation
RDW	13.3		%	11.8 - 15.6	Calculation
RDW-SD	41.6		fL		Calculation
MPV	11.4	H	fL	7.6 - 10.8	Calculation
PLATELET COUNT	157		10 ³ /μL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	18.1		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC) [^]	0.1		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT [^]	0		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	0.5		%		Flow Cytometry
ABSOLUTE EGC [^]	0.0		10 ³ /uL		Calculation
WBC COUNT	5.0		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	79	H	%	40 - 75	Flow Cytometry
LYMPHOCYTES	15	L	%	20 - 45	Flow Cytometry
EOSINOPHILS	1		%	0 - 6	Flow Cytometry
MONOCYTES	5		%	1 - 6	Flow Cytometry
BASOPHILS	0		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	3.9		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	0.4	L	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


MOHAMMED RASHID CHENANGADATH
Laboratory Technologist

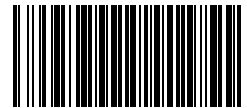
This is an electronically authenticated report

Page 2 of 4

Printed on: 22/05/2024 08:35

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

Name	: Mr. AKASH	Ref No.	: 43178
DOB	: 28/06/2000	Sample No.	: 2405413440
Age / Gender	: 23 Y / Male	Collected	: 21/05/2024 20:00
Referred by	: DR HUMAIRA	Registered	: 21/05/2024 23:19
Centre	: Peshawar Medical Center LLC	Reported	: 22/05/2024 00:17

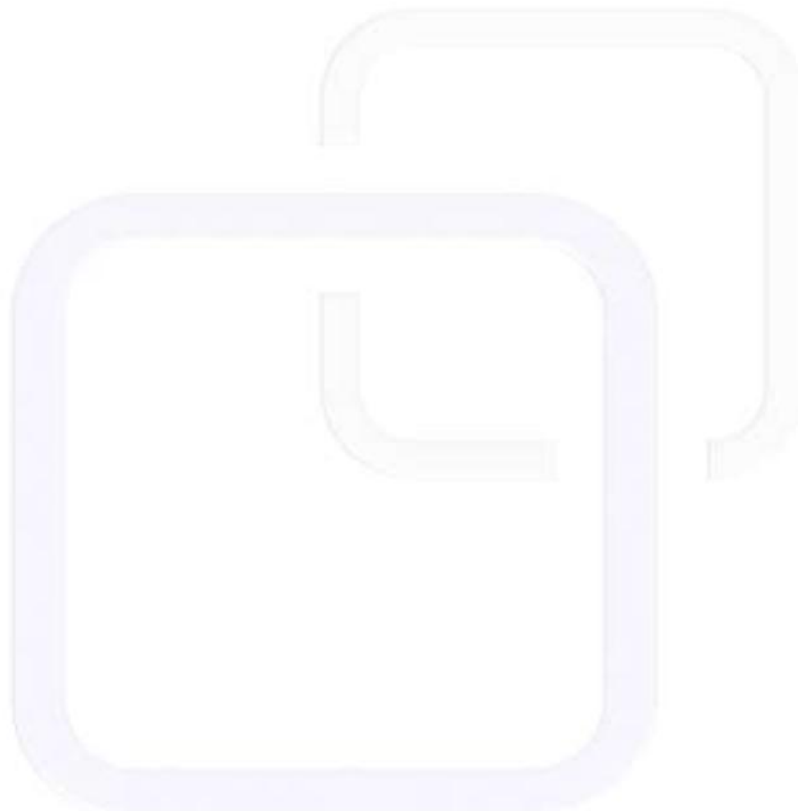
HEMATOLOGY

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

This is an electronically authenticated report

Page 3 of 4

MOHAMMED RASHID CHENANGADATH
Laboratory Technologist

Printed on: 22/05/2024 08:35

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.





BML405316

Laboratory Investigation Report

Name	: Mr. AKASH	Ref No.	: 43178
DOB	: 28/06/2000	Sample No.	: 2405413440
Age / Gender	: 23 Y / Male	Collected	: 21/05/2024 20:00
Referred by	: DR HUMAIRA	Registered	: 21/05/2024 23:19
Centre	: Peshawar Medical Center LLC	Reported	: 22/05/2024 00:17

HAEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
ERYTHROCYTE SEDIMENTATION RATE (ESR)	4		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

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



MOHAMMED RASHID CHENANGADATH
Laboratory Technologist

Printed on: 22/05/2024 08:35

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.

