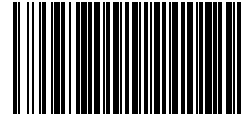


Laboratory Investigation Report



BML266332

Name : MUHAMMAD USMAN MUHAMMAD EHSAN
DOB : 18/10/1996
Age / Gender : 26 Y 10 M / Male
Referred by : DR ENOMAN
Centre : Peshawar Medical Center LLC

Ref No. : 39650
Sample No. : 2309269750
Collected : 15/09/2023 13:00
Registered : 15/09/2023 16:49
Reported : 15/09/2023 19:07

CLINICAL PATHOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
URINE ANALYSIS (ROUTINE)					
MACROSCOPIC EXAMINATION					
COLOR	YELLOW			Pale to Dark Yellow	Visual
APPEARANCE	TURBID			-	Visual
CHEMISTRY EXAMINATION					
SPECIFIC GRAVITY	1.01			1.002 - 1.035	Bromothymol blue
PH	6.5			4.5 - 8.0	Litmus paper
GLUCOSE	NEGATIVE			Negative	GOD / POD
BLOOD	NEGATIVE			Negative	Peroxidase
PROTEIN	NEGATIVE			Negative	Protein error of pH indicator
LEUCOCYTE ESTERASE	NEGATIVE			Negative	Esterase
UROBILINOGEN	1.0		E.U./dL	0.2 - 1.0	Diazo
BILIRUBIN	++			Negative	Diazo
KETONE	NEGATIVE			Negative	Legal's test
NITRITE	NEGATIVE			Negative	Griess test
MICROSCOPIC EXAMINATION					
LEUCOCYTES	0 - 1		/HPF	1 - 4	Microscopy
ERYTHROCYTES	0 - 1		/HPF	0 - 2	Microscopy
EPITHELIAL CELLS	1 - 2		/HPF	Variable	Microscopy
BACTERIA	ABSENT		/HPF	Absent	Microscopy
CASTS	ABSENT		/HPF	Absent	Microscopy
CRYSTALS	ABSENT		/HPF	Absent	Microscopy
OVA	ABSENT		/HPF	Absent	Microscopy and Micrometry

Comments : Please correlate clinically.

Interpretation Notes :

Instrumentation used for Chemistry test: Siemens Clinitek Advantus.

Sample Type : URINE

End of Report

Dr. Adley Mark Fernandes

M.D (Pathology)

Pathologist

This is an electronically authenticated report

Page 1 of 3



MOHAMMED RASHID CHENANGADATH

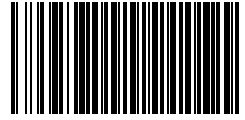
Laboratory Technologist

Printed on: 16/09/2023 13:47

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Laboratory Investigation Report



BML266332

Name : MUHAMMAD USMAN MUHAMMAD EHSAN
DOB : 18/10/1996
Age / Gender : 26 Y 10 M / Male
Referred by : DR ENOMAN
Centre : Peshawar Medical Center LLC

Ref No. : 39650
Sample No. : 2309269750
Collected : 15/09/2023 13:00
Registered : 15/09/2023 16:49
Reported : 15/09/2023 18:41

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	12.8	L	g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	4.7		10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	38.2		%	38 - 50	Calculation
MCV	81.3	L	fL	82 - 98	Calculation
MCH	27.2		pg	27 - 32	Calculation
MCHC	33.5		g/dL	32 - 37	Calculation
RDW	18.2	H	%	11.8 - 15.6	Calculation
RDW-SD	52.1		fL		Calculation
MPV	9.8		fL	7.6 - 10.8	Calculation
PLATELET COUNT	329		10 ³ /μL	150 - 450	Electrical Impedance
PCT	0.3		%	0.01 - 9.99	Calculation
PDW	16.9		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC)^	0		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT^	0		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC)^	0.0		%		Flow Cytometry
ABSOLUTE EGC^	0.0		10 ³ /uL		Calculation
WBC COUNT	5.2		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	39	L	%	40 - 75	Flow Cytometry
LYMPHOCYTES	51	H	%	20 - 45	Flow Cytometry
EOSINOPHILS	3		%	0 - 6	Flow Cytometry
MONOCYTES	6		%	1 - 6	Flow Cytometry
BASOPHILS	1		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	1.6		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.7		10 ³ /uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.6		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.2		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

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Page 2 of 3



MIDHUN MANIKANDAN GEETHA

Laboratory Technologist

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Laboratory Investigation Report

BML266332

Name	: MUHAMMAD USMAN MUHAMMAD EHSAN	Ref No.	: 39650
DOB	: 18/10/1996	Sample No.	: 2309269750
Age / Gender	: 26 Y 10 M / Male	Collected	: 15/09/2023 13:00
Referred by	: DR ENOMAN	Registered	: 15/09/2023 16:49
Centre	: Peshawar Medical Center LLC	Reported	: 15/09/2023 18:41

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
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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



Dr. Adley Mark Fernandes

M.D (Pathology)

Pathologist

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Page 3 of 3

MIDHUN MANIKANDAN GEETHA

Laboratory Technologist

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