

Laboratory Investigation Report

BML288812

Name	: JIJIN KRISHNA PALLIYALIL	Ref No.	: 37548
DOB	: 28/12/1995	Sample No.	: 2310292463
Age / Gender	: 27 Y / Male	Collected	: 19/10/2023 19:00
Referred by	: DR RASHMI	Registered	: 20/10/2023 21:27
Centre	: Peshawar Medical Center LLC	Reported	: 20/10/2023 22:35

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
CREATININE (SERUM)	0.78		mg/dL	0.74 - 1.35	Alkaline picrate (IFCC standardised)

Interpretation Notes :

Please note update in reference range with effect from 31/10/2020 (Source: Mayo Clinical Laboratories).

UREA (SERUM)	29		mg/dL	14.98 - 38.52	Kinetic test with urease and glutamate
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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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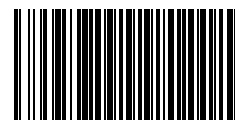
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HARSHAD MANIKANDAN
Laboratory Technician
Printed on: 21/10/2023 15:48

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CLINICAL PATHOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
URINE ANALYSIS (ROUTINE)					
MACROSCOPIC EXAMINATION					
COLOR	DARK YELLOW			Pale to Dark Yellow	Visual
APPEARANCE	TURBID			-	Visual
CHEMISTRY EXAMINATION					
SPECIFIC GRAVITY	≥ 1.030			1.002 - 1.035	Bromothymol blue
PH	6.0			4.5 - 8.0	Litmus paper
GLUCOSE	NEGATIVE			Negative	GOD / POD
BLOOD	+++			Negative	Peroxidase
PROTEIN	++			Negative	Protein error of pH indicator
LEUCOCYTE ESTERASE	NEGATIVE			Negative	Esterase
UROBILINOGEN	0.2		E.U./dL	0.2 - 1.0	Diazo
BILIRUBIN	NEGATIVE			Negative	Diazo
KETONE	NEGATIVE			Negative	Legal's test
NITRITE	NEGATIVE			Negative	Griess test
MICROSCOPIC EXAMINATION					
LEUCOCYTES	1 - 2		/HPF	1 - 4	Microscopy
ERYTHROCYTES	> 50	H	/HPF	0 - 2	Microscopy
EPITHELIAL CELLS	0 - 1		/HPF	Variable	Microscopy
BACTERIA	ABSENT		/HPF	Absent	Microscopy
CASTS	ABSENT		/HPF	Absent	Microscopy
CRYSTALS	ABSENT		/HPF	Absent	Microscopy
AMORPHOUS URATES	++		/HPF	-	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

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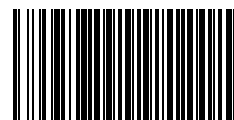
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YAZEEDAH ABDUL MUNEER
Medical Microbiology Technologist
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Centre : Peshawar Medical Center LLC

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Sample No. : 2310292463
Collected : 19/10/2023 19:00
Registered : 20/10/2023 21:27
Reported : 21/10/2023 10:28

HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	14.5		g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	5.2		10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	42.5		%	38 - 50	Calculation
MCV	82.0		fL	82 - 98	Calculation
MCH	28.0		pg	27 - 32	Calculation
MCHC	34.0		g/dL	32 - 37	Calculation
RDW	13.8		%	11.8 - 15.6	Calculation
RDW-SD	39.8		fL		Calculation
MPV	7.9		fL	7.6 - 10.8	Calculation
PLATELET COUNT	365		10 ³ /μL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	16.2		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) [^]	0.5		%		Flow Cytometry
ABSOLUTE EGC [^]	0.0		10 ³ /uL		Calculation
WBC COUNT	7.1		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	48		%	40 - 75	Flow Cytometry
LYMPHOCYTES	41		%	20 - 45	Flow Cytometry
EOSINOPHILS	6		%	0 - 6	Flow Cytometry
MONOCYTES	5		%	1 - 6	Flow Cytometry
BASOPHILS	0		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	3.4		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.9		10 ³ /uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.4		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.5		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.0		10 ³ /uL	0 - 0.11	Calculation

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ANJUMOL D V
Laboratory Technologist

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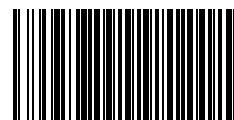
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HEMATOLOGY

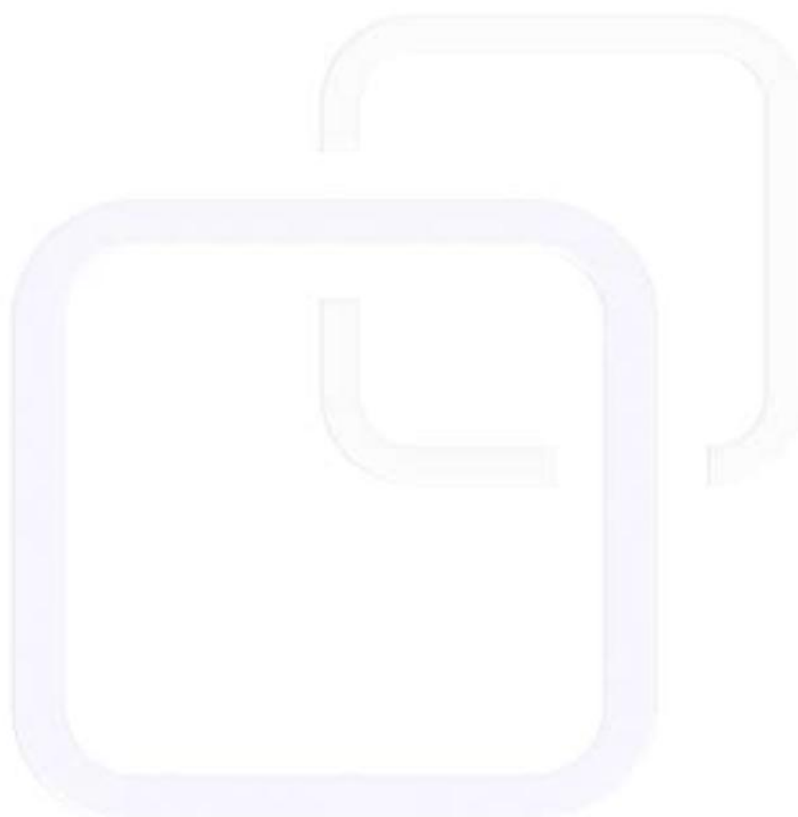
Test	Result	Flag	Unit	Reference Range	Methodology
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COMPLETE BLOOD COUNT (CBC)

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

Sample Type : EDTA Whole Blood

End of Report



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