

Laboratory Investigation Report

BML271555

Name	: Ms. MA JOSEPHINE REFUNDO AUSTRIA	Ref No.	: 28568
DOB	: 18/10/1978	Sample No.	: 2309275012
Age / Gender	: 44 Y / Female	Collected	: 23/09/2023 11:00
Referred by	: DR. RASHMI KESHAVA	Registered	: 23/09/2023 18:58
Centre	: Peshawar Medical Center LLC	Reported	: 23/09/2023 23:33

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
URIC ACID (SERUM)	6.6	H	mg/dL	2.6 - 6.0	Uricase, UV
CREATININE (SERUM)	0.45	L	mg/dL	0.59 - 1.04	Alkaline picrate (IFCC standardised)

Interpretation Notes :

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

UREA (SERUM)	22.69	mg/dL	14.98 - 38.52	Kinetic test with urease and glutamate
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Dr. Adley Mark Fernandes

M.D (Pathology)

Pathologist

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Page 1 of 4

Q. Haleem

HALEEM HAKKIM

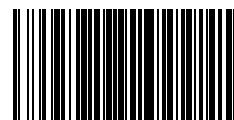
Laboratory Technician

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BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
LIVER FUNCTION TEST					
ALT / SGPT	36		U/L	14 - 59	UV with P5P 37°C (IFCC)
AST / SGOT	38	H	U/L	15 - 37	Tris buffer UV with P5P 37°C
ALP (ALKALINE PHOSPHATASE)	3	L	U/L	46 - 116	AMP optimised to IFCC 37°C
Comments : Rechecked. Please correlate clinically.					
GGT (GAMMA GLUTAMYL TRANSFERASE)	42		U/L	5 - 55	Gamma glutamyl.-3-carboxy-4-nitroanilide 37°C
BILIRUBIN (TOTAL)	0.5		mg/dL	0.2 - 1.0	Jendrassik Grof
BILIRUBIN (DIRECT)	0		mg/dL	0 - 0.2	Diazotization
INDIRECT BILIRUBIN	0.50		mg/dL	< or = 0.90	Calculated
TOTAL PROTEIN	7.6		g/dL	6.4 - 8.2	Biuret reaction
ALBUMIN (SERUM)	5		g/dL	3.4 - 5.0	Bromocresol purple
GLOBULIN	2.6		g/dL	2.0 - 3.5	Calculation
A/G RATIO	1.9		NULL	0.8 - 2.0	Calculation

Sample Type : Serum

End of Report

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Page 2 of 4

Haleem

HALEEM HAKKIM

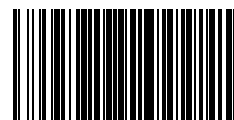
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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	13		g/dL	12 - 15.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	4.5		10 ⁶ /μL	3.9 - 5	Electrical Impedance
HEMATOCRIT	37.8		%	35 - 45	Calculation
MCV	84.3		fL	82 - 98	Calculation
MCH	28.9		pg	27 - 32	Calculation
MCHC	34.3		g/dL	32 - 37	Calculation
RDW	13.8		%	11.9 - 15.5	Calculation
RDW-SD	41.6		fL		Calculation
MPV	8		fL	7.6 - 10.8	Calculation
PLATELET COUNT	394		10 ³ /μL	150 - 450	Electrical Impedance
PCT	0.3		%	0.01 - 9.99	Calculation
PDW	16.4		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC) [^]	0.2		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT [^]	0.02		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	2.5		%		Flow Cytometry
ABSOLUTE EGC [^]	0.2		10 ³ /uL		Calculation
WBC COUNT	9.5		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	64		%	40 - 75	Flow Cytometry
LYMPHOCYTES	26	L	%	30 - 60	Flow Cytometry
EOSINOPHILS	5		%	0 - 6	Flow Cytometry
MONOCYTES	4		%	1 - 6	Flow Cytometry
BASOPHILS	1		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	6.1		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.5		10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE MONOCYTE COUNT	0.4		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.5		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.1		10 ³ /uL	0 - 0.11	Calculation

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Page 3 of 4



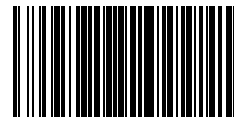
MIDHUN MANIKANDAN GEETHA

Laboratory Technologist

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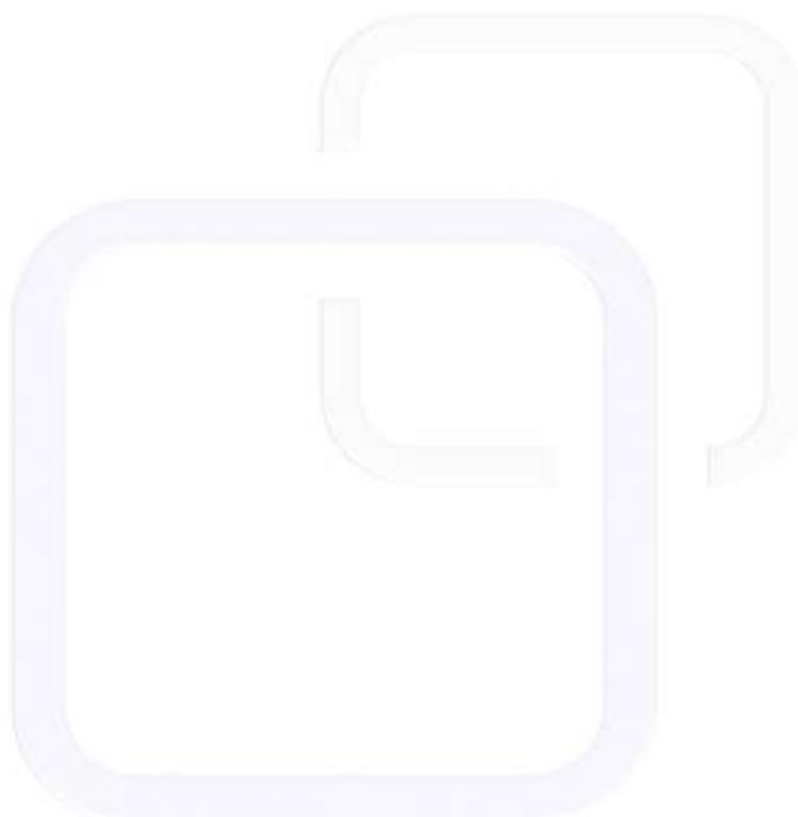
Test	Result	Flag	Unit	Reference Range	Methodology
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COMPLETE BLOOD COUNT (CBC)

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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