


Patient Name : Mr.MOHSIN RIYAZ AHMED SAYYED	Collected : 12/Sep/2024 08:18AM
Age/Gender : 40 Y 6 M 21 D/M	Received : 12/Sep/2024 12:35PM
UHID/MR No : CWAN.0000137897	Reported : 12/Sep/2024 01:17PM
Visit ID : CWANOPV239718	Status : Final Report
Ref Doctor : Self	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 9920144559	

DEPARTMENT OF HAEMATOLOGY

PERIPHERAL SMEAR , WHOLE BLOOD EDTA

RBC Predominantly Normocytic Normochromic with Microcytes+
WBC are normal in number and morphology
Platelets are Adequate
No Abnormal cells seen.


Dr Sneha Shah
MBBS, MD (Pathology)
Consultant Pathologist

SIN No:CWA240900101

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab



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DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - PMC PACK H - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
HEMOGRAM , WHOLE BLOOD EDTA				
HAEMOGLOBIN	16.4	g/dL	13-17	Spectrophotometer
PCV	50.00	%	40-50	Electronic pulse & Calculation
RBC COUNT	5.64	Million/cu.mm	4.5-5.5	Electrical Impedance
MCV	88.6	fL	83-101	Calculated
MCH	29.1	pg	27-32	Calculated
MCHC	32.9	g/dL	31.5-34.5	Calculated
R.D.W	15	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	7,010	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUNT (DLC)				
NEUTROPHILS	52.5	%	40-80	Electrical Impedance
LYMPHOCYTES	31.6	%	20-40	Electrical Impedance
EOSINOPHILS	5.8	%	1-6	Electrical Impedance
MONOCYTES	8.8	%	2-10	Electrical Impedance
BASOPHILS	1.3	%	<1-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	3680.25	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	2215.16	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	406.58	Cells/cu.mm	20-500	Calculated
MONOCYTES	616.88	Cells/cu.mm	200-1000	Calculated
BASOPHILS	91.13	Cells/cu.mm	0-100	Calculated
Neutrophil lymphocyte ratio (NLR)	1.66		0.78- 3.53	Calculated
PLATELET COUNT	163000	cells/cu.mm	150000-410000	Electrical impedance
ERYTHROCYTE SEDIMENTATION RATE (ESR)	4	mm at the end of 1 hour	0-15	Modified Westergren
PERIPHERAL SMEAR				

RBC Predominantly Normocytic Normochromic with Microcytes+
WBC are normal in number and morphology
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No Abnormal cells seen.

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DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - PMC PACK H - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
BLOOD GROUP ABO AND RH FACTOR , WHOLE BLOOD EDTA				
BLOOD GROUP TYPE	O			Microplate Hemagglutination
Rh TYPE	Positive			Microplate Hemagglutination

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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - PMC PACK H - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
GLUCOSE, FASTING , NAF PLASMA	88	mg/dL	70-100	HEXOKINASE

Comment:

As per American Diabetes Guidelines, 2023

Fasting Glucose Values in mg/dL	Interpretation
70-100 mg/dL	Normal
100-125 mg/dL	Prediabetes
≥126 mg/dL	Diabetes
<70 mg/dL	Hypoglycemia

Note:

- The diagnosis of Diabetes requires a fasting plasma glucose of $>$ or $=$ 126 mg/dL and/or a random / 2 hr post glucose value of $>$ or $=$ 200 mg/dL on at least 2 occasions.
- Very high glucose levels ($>$ 450 mg/dL in adults) may result in Diabetic Ketoacidosis & is considered critical.

Test Name	Result	Unit	Bio. Ref. Interval	Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS , SODIUM FLUORIDE PLASMA (2 HR)	77	mg/dL	70-140	HEXOKINASE

Comment:

It is recommended that FBS and PPBS should be interpreted with respect to their Biological reference ranges and not with each other. Conditions which may lead to lower postprandial glucose levels as compared to fasting glucose levels may be due to reactive hypoglycemia, dietary meal content, duration or timing of sampling after food digestion and absorption, medications such as insulin preparations, sulfonylureas, amylin analogues, or conditions such as overproduction of insulin.

Test Name	Result	Unit	Bio. Ref. Interval	Method
ALANINE AMINOTRANSFERASE (ALT/SGPT) , SERUM	39.35	U/L	<50	IFCC


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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - PMC PACK H - PAN INDIA - FY2324

Comment:

ALT elevations are noted in liver parenchymal diseases, leading to injury / destruction of hepatocytes.

ALT levels are seen to be elevated even before the signs and symptoms of the liver injury appear.

The ALT levels remain high longer in blood as compared to AST levels. And though both the enzymes increase in liver injury, the rise in ALT is more compared to AST, thus also altering the ALT:AST ratio.

Test Name	Result	Unit	Bio. Ref. Interval	Method
BILIRUBIN, TOTAL , SERUM	0.79	mg/dL	0.3–1.2	DPD

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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - PMC PACK H - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
BUN/CREATININE RATIO , SERUM				
BLOOD UREA NITROGEN	8.2	mg/dL	8.0 - 23.0	Calculated
CREATININE	1.19	mg/dL	0.72 – 1.18	Modified Jaffe, Kinetic
BUN / CREATININE RATIO	6.93			Calculated

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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - PMC PACK H - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
CREATININE , SERUM	1.19	mg/dL	0.72 – 1.18	Modified Jaffe, Kinetic

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DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - PMC PACK H - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Interval	Method
COMPLETE URINE EXAMINATION (CUE) , URINE				
PHYSICAL EXAMINATION				
COLOUR	PALE YELLOW		PALE YELLOW	Scattering of light
TRANSPARENCY	CLEAR		CLEAR	Scattering of light
pH	5.0		5-7.5	Bromothymol Blue
SP. GRAVITY	1.011		1.002-1.030	Bromothymol Blue
BIOCHEMICAL EXAMINATION				
URINE PROTEIN	NEGATIVE		NEGATIVE	PROTEIN ERROR OF INDICATOR
GLUCOSE	NORMAL		NEGATIVE	GOD-POD
URINE BILIRUBIN	NEGATIVE		NEGATIVE	Diazonium Salt
URINE KETONES (RANDOM)	NEGATIVE		NEGATIVE	Sodium nitro prusside
UROBILINOGEN	NORMAL		NORMAL (0.1-1.8mg/dl)	Diazonium salt
NITRITE	NEGATIVE		NEGATIVE	Sulfanilic acid
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	Diazonium salt
CENTRIFUGED SEDIMENT WET MOUNT AND MICROSCOPY				
PUS CELLS	1 - 2	/hpf	0-5	Microscopy
EPITHELIAL CELLS	1 - 2	/hpf	< 10	Microscopy
RBC	0	/hpf	0-2	Microscopy
CASTS	NEGATIVE	/lpf	0-2 Hyaline Cast	Microscopy
CRYSTALS	NEGATIVE	/hpf	Occasional-Few	Microscopy

Comment:

All urine samples are checked for adequacy and suitability before examination. All abnormal chemical examination are rechecked and verified by manual methods.

Microscopy findings are reported as an average of 10 high power fields.

*** End Of Report ***

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TERMS AND CONDITIONS GOVERNING THIS REPORT

The reported results are for information and interpretation of the referring doctor or such other medical professionals, who understand reporting units, reference ranges and limitations of technologies.


Laboratories not be responsible for any interpretation whatsoever.

It is presumed that the tests performed are, on the specimen / sample being to the patient named or identified and the verifications of the particulars have been cleared out by the patient or his / her representative at the point of generation of said specimen.

The reported results are restricted to the given specimen only. Results may vary from lab to lab and from time to time for the same parameter for the same patient.

Assays are performed in accordance with standard procedures, The reported results are dependent on individual assay methods / equipment used and quality of specimen received.

This report is not valid for medico legal purposes.


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