



## DEPARTMENT OF LABORATORY SERVICES

<b>Patient Name</b>	Mr. MAHMMAD TAUSIF	<b>RIS No/ManualNo</b>	5227257/
<b>UHIDNo/IPNO</b>	300421785	<b>CollectionDate</b>	09/09/2023 8:10AM
<b>Age/Gender</b>	33 Years/Male	<b>Receiving Date</b>	09/09/2023 8:29AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	09/09/2023 12:55PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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### Biochemistry

ArcoFemi Healthcare Ltd Below 40 Male

Gamma GT	31.10	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.90	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	33				
Weight	73				
Gender	1				
eGFR	120.54	mL/minute/1.73 m2	39 - 137		
Uric Acid	5.9	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	98.4	mg/dL	70.0 - 100.0	Hexokinase	Serum
<b>LIVER FUNCTION TEST (LFT) SERUM</b>					Serum
SGPT(ALT)	17.80	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	
SGOT(AST)	18.80	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	77.3	U/L	40.0 - 129.0	PNP-Standardize	
Bilirubin Total	0.46	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	0.17	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.29	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.27	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.66	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.61	g/dL	2.20 - 3.50	Calculated	

Dr. Jitendra Narendrabhai Nayak  
Reg.No:G-14786  
Consultant Pathologist



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A/G Ratio	1.79	Ratio	0.90 - 2.80	Ratio	
HbA1c (Glyco Hb)	5.63	%	4.8 % - 5.9 % Normal 5.9 % - 7.0 % Good diabetic Control 7.0 % - 10.00 % Fair Diabetic Control >10.0 % Poor diabetic Control	Immunoturbidimetric	EDTA Blood
Mean Plasma Glucose	123.2	mg/dL	80.0 - 140.0		
Blood Urea	21.9	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	10.2	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.260	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	8.380	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.750	uIU/mL	0.270 - 4.200	ECLIA.	

(\*) Not in NABL Scope

\*\*End Of Report\*\*

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### Biochemistry

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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Post prandial Glucose	100.0	mg/dL	70.0 - 140.0	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G. = Sample Not Given				

\*\*End Of Report\*\*

Dr. Kazumi Gondalia  
M.D (Path)  
Reg.No.: G-21729



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### Biochemistry

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#### LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	177.30	mg/dL	Less than 160 mg/dL Excellent Less than 200 mg/dL Desirable 200-239 mg/dL Borderline High 240 mg/dl & over high	Enzymatic (CHE/CHO/POD)	
Triglycerides	106.80	mg/dL	Less than 150 mg/dL Normal 150-199 mg/dL Borderline High 200-499 mg/dL High 500 mg/dL or greater very High	Enzymatic colorimetric	
Cholesterol HDL	48.00	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	118.10	mg/dL	Less than 80 mg/dL Excellent Less than 100 mg/dL Optimal 100-129 mg/dL Near or above optimal 130-159 mg/dL Borderline High 160-189 mg/dL High 190 mg/dL & above Very High	Homogenous Enzymatic	
Cholesterol VLDL	21.36	mg/dL	< 30		
LDL/HDL RATIO	2.46		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.69		< 4.50		

\*\*End Of Report\*\*

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### Clinical Pathology

ArcoFemi Healthcare Ltd Below 40 Male

### URINE ROUTINE EXAMINATION

Urine

#### Physical Examination:

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Clear			Visual method	
Reaction	6			Reflectance photometer	
Sp. Gravity	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

#### Chemical Examination:

U.Albumin	Nil			Reflectance photometer/Manual	
U.Glucose	Nil				
U.Acetone	Absent				
BS/BP	Absent				

#### Microscopic Examination

Pus Cell	Occasional		/H.P.F.	Microscopy	
Red Blood Cell	Nil		/H.P.F.		
Epithelial cell	1-2		/H.P.F.		
Cast	Absent				
Crystals	Absent				
Amorphous	Absent				
Monilia	Absent				

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### Haematology

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#### CBC WITH ESR

EDTA Blood

Haemoglobin	14.1	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	42.6	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.24	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	L <b>81.3</b>	fl	83.0 - 101.0	Calculated	
MCH	L <b>26.9</b>	pg	27.0 - 31.0	Calculated	
MCHC	33.1	g/dL	32.0 - 36.0	Calculated	
RDW-CV	11.7	%	11.5 - 14.0	Calculated	
Platelet count	265000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	11	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5730.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	45	%	40.0 - 70.0		
Lymphocytes	H <b>46</b>	%	22 - 45		
Eosinophils	03	%	1.0 - 4.0		
Monocytes	06	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	2578.5	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2635.8	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	171.9	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	343.8	/cumm	0 - 800		
Peripheral Smear Study	RBCs are Normochromic & Normocytic. Platelets are adequate in number. Malarial Parasites are not seen. No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	6	mm/hr	0 - 10	Modified westergren Method	

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### Immuno-Haematology

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### BLOOD GROUPING

EDTA Blood

ABO Group

"AB"

Tube Agglutination Method

Rh Type

Positive

\*\*End Of Report\*\*

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