



### DEPARTMENT OF LABORATORY SERVICES

<b>Patient</b>	Mr. JAGJIT CHATTERJEE	<b>Lab No/ManualNo</b>	5378765/
<b>UHIDNo/IPNO</b>	300353876	<b>CollectionDate</b>	08/03/2024 8:26AM
<b>Age/Gender</b>	49 Years/Male	<b>Receiving Date</b>	08/03/2024 8:36AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	08/03/2024 4:34PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
<b>Biochemistry</b> ArcoFemi Healthcare Ltd Above 40 Male					
					Serum
Gamma GT	28.10	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.80	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	
Age	49				
Weight	96.4				
Gender	1				
eGFR	<b>H 152.3</b>	mL/minute/1.73 m <sup>2</sup>	76 - 120		Serum
Uric Acid	<b>H 7.3</b>	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	<b>H 182.3</b>	mg/dL	< 100.0	Hexokinase	

Dr. Viyati Chetanbhai Vithlani  
MBBS+MD Pathology  
Pathologist



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**As per ADA Guideline**

**For Fasting Plasma Glucose**

Normal : Less than 100 mg/dL

Prediabetes : 100 mg/dL to 125 mg/dL

Diabetes : 126 mg/dL or Higher

**For 2 hrs Plasma Glucose after 75 Gms Glucose load**

Normal : Less than 140 mg/dL

Prediabetes : 140 to 199 mg/dL

Diabetes : 200 mg/dL or higher

**For Random Plasma Glucose**

Diabetes is diagnosed at blood glucose greater than or equal to 200 mg/dL

**LIVER FUNCTION TEST (LFT) SERUM**

Serum

SGPT(ALT)	<b>H 45.20</b>	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate
SGOT(AST)	33.90	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	97.0	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	7.44	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.53	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.91	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.56	Ratio	0.90 - 2.80	Ratio

EDTA Blood

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HbA1c (Glyco Hb)	9.04	%	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
Mean Plasma Glucose	<b>H 244.5</b>	mg/dL	80.0 - 140.0	
Prostate Specific Antigen	0.547	ng/mL	0.000 - 4.000	ECLIA
Blood Urea	22.7	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	10.6	mg/dL	6.0 - 20.0	Ureas with UV
TOTAL T3*	1.190	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	9.920	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	3.010	uIU/mL	0.270 - 4.200	ECLIA.

(\*) Not in NABL Scope

\*\*End Of Report\*\*

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<b>Age/Gender</b>	49 Years/Male	<b>Receiving Date</b>	08/03/2024 3:15PM
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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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**Biochemistry**  
ArcoFemi Healthcare Ltd Above 40 Male

Serum

Post prandial Glucose	<b>H 169.8</b>	mg/dL	< 140.0	Hexokinase
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**As per ADA Guideline**

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Normal : Less than 100 mg/dL

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\*\*End Of Report\*\*

Dr. Jitendra Narendrabhai Nayak

Reg.No:G-14786

Consultant Pathologist



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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Male

LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	111.60	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	175.60	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	GPO-PAP	
HDL Cholesterol	32.90	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	56.10	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	
VLDL Cholesterol	<b>H 35.12</b>	mg/dL	< 30	Calculated	
LDL/HDL RATIO	1.71		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.39		< 4.50		

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	08/03/2024 10:03AM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
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**Clinical Pathology**  
ArcoFemi Healthcare Ltd Above 40 Male

#### URINE ROUTINE EXAMINATION

Urine

#### Physical Examination:

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Clear			Visual method	
Reaction	5			Reflectance photometer	
Sp. Gravity	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

#### Chemical Examination:

U.Albumin	Nil			Reflectance photometer/Manual	
U.Glucose	Present(++++)				
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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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	08/03/2024 9:45AM
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#### Haematology

ArcoFemi Healthcare Ltd Above 40 Male

#### CBC WITH ESR

EDTA Blood

Haemoglobin	15.5	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	48.7	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.95	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	<b>L 81.8</b>	fl	83.0 - 101.0	Calculated	
MCH	<b>L 26.1</b>	pg	27.0 - 31.0	Calculated	
MCHC	<b>L 31.8</b>	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.4	%	11.5 - 14.0	Calculated	
Platelet count	<b>L 80000</b>	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	----	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6270.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	58	%	40.0 - 70.0		
Lymphocytes	34	%	22 - 45		
Eosinophils	01	%	1.0 - 4.0		
Monocytes	<b>H 07</b>	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	3636.6	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2131.8	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	62.7	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	438.9	/cumm	0 - 800		

Peripheral Smear Study  
RBCs are Normochromic & Normocytic. Platelets are decreased in number & Giant platelets are seen.  
Platelets On Smear :- 1,20,000/cmm. Malarial Parasites are not seen. No Premature cells are seen.

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Erythrocyte Sedimentation Rate (ESR)    **H 13**                      mm/hr                      0 - 10                      Photometric capillary stopped flow kinetic

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	08/03/2024 11:00AM
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**Immuno-Haematology**  
ArcoFemi Healthcare Ltd Above 40 Male

#### BLOOD GROUPING

EDTA Blood

ABO Group	"O"	Tube Agglutination Method
Rh Type	Negative	

\*\*End Of Report\*\*

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