



JCI (USA)

OUR ACCREDITATIONS

**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. PINTU MEWADA	<b>Lab No/ManualNo</b>	5389134/
<b>UHIDNo/IPNO</b>	300446820	<b>CollectionDate</b>	19/03/2024 5:00PM
<b>Age/Gender</b>	37 Years/Male	<b>Receiving Date</b>	19/03/2024 5:24PM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	19/03/2024 7:28PM
<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
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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Male

					Serum
Gamma GT	37.30	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	<b>L 0.65</b>	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Uric Acid	4.0	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum

**\*LIVER FUNCTION TEST (LFT) SERUM**

SGPT(ALT)	32.30	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	21.80	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	63.8	U/L	40.0 - 129.0	PNP-Standardize	
Bilirubin Total	0.87	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	<b>H 0.29</b>	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.58	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.62	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.54	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	3.08	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.47	Ratio	0.90 - 2.80	Ratio	

Dr. Jitendra Narendrabhai Nayak

Reg.No:G-14786

Consultant Pathologist



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Serum

Blood Urea	17.6	mg/dL	16.6 - 48.5	Urease, Kinetic, GLDH
BUN*	8.2	mg/dL	6.0 - 20.0	Ureas with UV

(\* Not in NABL Scope)

\*\*End Of Report\*\*

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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Male

Serum

Fasting Glucose	79.5	mg/dL	< 100.0	Hexokinase	
As per ADA Guideline Normal : Less than 100 mg/dL Prediabetes : 100 mg/dL to 125 mg/dL Diabetes : 126 mg/dL or Higher					

Serum

Post prandial Glucose	88.5	mg/dL	< 140.0	Hexokinase	
Post prandial Urine Glucose	S.N.G. = Sample Not Given				
As per ADA Guideline Normal : Less than 100 mg/dL Prediabetes : 100 mg/dL to 125 mg/dL Diabetes : 126 mg/dL or Higher					

EDTA Blood

HbA1c (Glyco Hb)	5.40	%	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	115.0	mg/dL	80.0 - 140.0		



Dr. Kazumi Gondalia  
M.D (Path)  
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Serum

TOTAL T3*	1.210	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	6.640	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	2.020	uIU/mL	0.270 - 4.200	ECLIA.

(\*) Not in NABL Scope

\*\*End Of Report\*\*

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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Male

**\*LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	212.30	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	185.40	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	43.00	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	146.40	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 37.08</b>	mg/dL	< 30	Calculated	
LDL/HDL RATIO	3.40		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	<b>H 4.94</b>		< 4.50		

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MC - 3049



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\*\*End Of Report\*\*

Dr. Jitendra Narendrabhai Nayak

Reg.No:G-14786

Consultant Pathologist



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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	19/03/2024 6:06PM
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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	6.0		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.010		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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\*\*End Of Report\*\*

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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Male

**\*CBC WITH ESR**

EDTA Blood

Haemoglobin	15.2	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	47.9	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.26	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	91.1	fl	83.0 - 101.0	Calculated	
MCH	28.9	pg	27.0 - 31.0	Calculated	
MCHC	<b>L 31.7</b>	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.2	%	11.5 - 14.0	Calculated	
Platelet count	271000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.7	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6050.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	52	%	40 - 70		
Lymphocytes	37	%	22 - 45		
Eosinophils	<b>H 07</b>	%	1 - 4		
Monocytes	04	%	1 - 6		
Basophils	00	%	0 - 1		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	3146	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2238.5	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	423.5	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	242	/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.				

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Erythrocyte Sedimentation Rate (ESR) **H 17** mm/hr 0 - 10 Photometric capillary stopped flow kinetic

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	19/03/2024 6:41PM
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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Below 40 Male

**\*BLOOD GROUPING**

EDTA Blood

ABO Group	"A"			Tube Agglutination Method	
Rh Type	Positive				

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\*\*End Of Report\*\*



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