



JCI (USA)

OUR ACCREDITATIONS

**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mrs. SHRADDHA MAHENDRAKUMAR	<b>Lab No/ManualNo</b>	5386062/
<b>UHIDNo/IPNO</b>	BHAVSAR 300446305	<b>CollectionDate</b>	16/03/2024 8:40AM
<b>Age/Gender</b>	37 Years/Female	<b>Receiving Date</b>	16/03/2024 8:55AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	16/03/2024 12:53PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	

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

ArcoFemi Healthcare Ltd Below 40 Female

					Serum
Gamma GT	17.60	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.81	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Uric Acid	4.7	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	96.0	mg/dL	< 100.0	Hexokinase	Serum
As per ADA Guideline Normal : Less than 100 mg/dL Prediabetes : 100 mg/dL to 125 mg/dL Diabetes : 126 mg/dL or Higher					

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

SGPT(ALT)	17.00	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	16.60	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	71.1	U/L	35.0 - 140.0	PNP-Standardize	

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



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Bilirubin Total	0.97	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	<b>H 0.29</b>	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.68	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	6.89	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.54	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.35	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.93	Ratio	0.90 - 2.80	Ratio

EDTA Blood

HbA1c (Glyco Hb)	5.54	%	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
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Mean Plasma Glucose	119.9	mg/dL	80.0 - 140.0	
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Serum

Blood Urea	23.9	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	11.2	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.080	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	6.550	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	1.510	uIU/mL	0.270 - 4.200	ECLIA.

(\*) Not in NABL Scope

\*\*End Of Report\*\*



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	300446305	<b>Receiving Date</b>	16/03/2024 11:43AM
<b>Age/Gender</b>	37 Years/Female	<b>Report Date</b>	16/03/2024 12:53PM
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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

Serum

Post prandial Glucose	79.7	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					

(\* Not in NABL Scope

\*\*End Of Report\*\*

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



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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

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

Serum

Sample Type	Fasting				
Cholesterol Total	194.20	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	75.20	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	56.60	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	133.70	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	15.04	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.36		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.43		< 4.50		

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<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Sample Quality</b>	

(\*) Not in NABL Scope

\*\*End Of Report\*\*

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	300446305	<b>Receiving Date</b>	16/03/2024 9:44AM
<b>Age/Gender</b>	37 Years/Female	<b>Report Date</b>	16/03/2024 10:54AM
<b>Bed No/Ward</b>	OPD	<b>Report Status</b>	Final
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Sample Quality</b>	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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**Clinical Pathology**

ArcoFemi Healthcare Ltd Below 40 Female

**\*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	1.015		1.015 - 1.030	Reflectance photometer/Enzymatic reaction

**Chemical Examination:**

U.Albumin	Nil			Reflectance photometer/Manual
U.Gluocse	Nil			
U.Acetone	Nil			
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			
Other:	Absent			

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<b>Age/Gender</b>	37 Years/Female	<b>Report Date</b>	16/03/2024 11:09AM
<b>Bed No/Ward</b>	OPD	<b>Report Status</b>	Final
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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Female

**\*CBC WITH ESR**

EDTA Blood

Haemoglobin	12.6	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	39.4	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.35	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	90.6	fl	83.0 - 101.0	Calculated	
MCH	29.0	pg	27.0 - 31.0	Calculated	
MCHC	32.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	11.7	%	11.5 - 14.0	Calculated	
Platelet count	396000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	8.7	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	4890.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	52	%	40 - 70		
Lymphocytes	42	%	22 - 45		
Eosinophils	02	%	1 - 4		
Monocytes	04	%	1 - 6		
Basophils	00	%	0 - 1		
Immature Granulocytes	00	%	0 - 2		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	2542.8	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2053.8	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	97.8	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	195.6	/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)	06	mm/hr	0 - 35	Photometric capillary stopped flow kinetic	

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<b>Age/Gender</b>	37 Years/Female	<b>Report Date</b>	16/03/2024 3:32PM
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### CytoPathology

ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

#### Specimen

Cervical PAP smear.

#### Clinical Diagnosis

LMP : 07/03/2024, P1G1

#### Gross Description

Two fixed unstained slides received, PAP stain done.

#### Microscopic Description

Smears are satisfactory for evaluation.

Many superficial, intermediate cells and few parabasal cells seen.

Mild inflammation with predominance of neutrophils seen.

Moderate lactobacilli are seen. No parasites/ fungi.

No evidence of intraepithelial lesion or malignancy.

Diagnosis

Cervical smear - **Mild inflammation and no evidence of intraepithelial lesion or malignancy.**

Note- The pap test is a screening procedure to aid in the detection of cervical cancer and its precursors. Because false negative results may occur, regular PAP tests are recommended.

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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Below 40 Female

**\*BLOOD GROUPING**

EDTA Blood

ABO Group	"A"	Tube Agglutination Method
Rh Type	Positive	

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