



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mrs. POOJA SAHU	<b>Lab No/ManualNo</b>	5354751/
<b>UHIDNo/IPNO</b>	300441765	<b>CollectionDate</b>	10/02/2024 8:21AM
<b>Age/Gender</b>	26 Years/Female	<b>Receiving Date</b>	10/02/2024 8:36AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	10/02/2024 12:03PM
<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 Female

					Serum
Gamma GT	12.60	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.60	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age	26				
Weight	61.7				
Gender	0.85				
eGFR	<b>H 138.4</b>	mL/minute/1.73 m2	72 - 110		Serum
Uric Acid	5.1	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	95.3	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)	13.70	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	15.10	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	83.7	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.35	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.13	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.22	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.28	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.54	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.74	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.66	Ratio	0.90 - 2.80	Ratio

Serum

Blood Urea	<b>L 14.8</b>	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	6.9	mg/dL	6.0 - 20.0	Ureas with UV

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(\*) Not in NABL Scope

\*\*End Of Report\*\*



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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

Serum

Post prandial Glucose	96.4	mg/dL	< 140.0	Hexokinase
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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

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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

**\*\*End Of Report\*\***



Dr. Kazumi Gondalia

M.D (Path)

Reg.No.: G-21729



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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

EDTA Blood

HbA1c (Glyco Hb)	5.55	%	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	120.1	mg/dL	80.0 - 140.0		

Serum

TOTAL T3*	1.530	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	9.900	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	1.450	uIU/mL	0.270 - 4.200	ECLIA.	

(\* Not in NABL Scope)

\*\*End Of Report\*\*

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



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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	187.80	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	116.60	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	43.40	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	23.32	mg/dL	< 30	Calculated	
LDL/HDL RATIO	3.08		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	4.33		< 4.50		



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Pathologist



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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	10/02/2024 10:38AM
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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	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	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				

\*\*End Of Report\*\*

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Consultant Pathologist





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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Female

**CBC WITH ESR**

EDTA Blood

Haemoglobin	L 11.2	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	L 34.4	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	L 4.19	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	L 82.1	fl	83.0 - 101.0	Calculated	
MCH	L 26.7	pg	27.0 - 31.0	Calculated	
MCHC	32.6	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.3	%	11.5 - 14.0	Calculated	
Platelet count	292000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.7	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6540.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	53	%	40.0 - 70.0		
Lymphocytes	39	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	06	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	3466.2	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2550.6	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	130.8	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	392.4	/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)	H 40	mm/hr	0 - 35	Photometric capillary stopped flow kinetic	

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MC - 3049



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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	10/02/2024 4:12PM
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**CytoPathology**  
ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

### Specimen

Cervical PAP smear.

### Clinical Diagnosis

LMP :20/01/2024, P1G1.

### Gross Description

Two fixed unstained slide received, PAP stain done.

### Microscopic Description

Smears are satisfactory for evaluation.  
Many superficial, intermediate cells and few parabasal cells seen.  
Moderate inflammation with predominance of neutrophils seen.  
Moderate lactobacilli are seen. No parasites/ fungi.  
No evidence of intraepithelial lesion or malignancy.

### Diagnosis

Cervical smear - **Moderate 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**

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**BLOOD GROUPING**

EDTA Blood

ABO Group	"A"			Tube Agglutination Method	
Rh Type	Positive				

\*\*End Of Report\*\*

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