



JCI (USA)

NABH  
OUR ACCREDITATIONS

**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mrs. ANGEL MARY JOSEPH	<b>Lab No/ManualNo</b>	5329696/
<b>UHIDNo/IPNO</b>	300438424	<b>CollectionDate</b>	13/01/2024 9:42AM
<b>Age/Gender</b>	34 Years/Female	<b>Receiving Date</b>	13/01/2024 2:03PM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	13/01/2024 2:58PM
<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

Gamma GT	17.50	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.64	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Age	34				
Weight	46				
Gender	0.85				
eGFR	89.94	mL/minute/1.73 m2	71 - 140		
Uric Acid	3.2	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	99.3	mg/dL	< 100.0	Hexokinase	Serum
<p><b>As per ADA Guideline</b>  <b>For Fasting Plasma Glucose</b>                      Normal : Less than 100 mg/dL                      Prediabetes : 100 mg/dL to 125 mg/dL                      Diabetes : 126 mg/dL or Higher  <b>For 2 hrs Plasma Glucose after 75 Gms Glucose load</b>                      Normal : Less than 140 mg/dL                      Prediabetes : 140 to 199 mg/dL                      Diabetes : 200 mg/dL or higher  <b>For Random Plasma Glucose</b>                      Diabetes is diagnosed at blood glucose greater than or equal to 200 mg/dL</p>					
Post prandial Glucose	103.0	mg/dL	< 140.0	Hexokinase	Serum

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



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Post prandial Urine Glucose SNG

**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**

Test Name	Result	Unit	Reference Range	Method	Serum
SGPT(ALT)	28.50	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	
SGOT(AST)	25.40	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	65.8	U/L	35.0 - 140.0	PNP-Standardize	
Bilirubin Total	0.63	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct	0.20	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.43	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.43	g/dL	6.40 - 8.20	Biuret Method	
Albumin	<b>H 5.00</b>	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.43	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	2.06	Ratio	0.90 - 2.80	Ratio	

EDTA Blood

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HbA1c (Glyco Hb)	5.46	%	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	117.2	mg/dL	80.0 - 140.0		
Blood Urea	21.2	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	9.9	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.200	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	8.430	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.170	uIU/mL	0.270 - 4.200	ECLIA.	

(\* ) Not in NABL Scope

\*\*End Of Report\*\*



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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	176.00	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	52.70	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	57.90	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	118.60	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	10.54	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.05		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.04		< 4.50		

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		<b>Sample Quality</b>	

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MC - 3049



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<b>Age/Gender</b>	34 Years/Female	<b>Receiving Date</b>	13/01/2024 10:28AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	13/01/2024 12:20PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
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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:	Slightly turbid			Visual method	
Reaction	6.5		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.005		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**

Microscopy

Pus Cell	6-8		/H.P.F.		
Red Blood Cell	Nil		/H.P.F.		
Epithelial cell	10-15		/H.P.F.		
Cast	Absent				
Crystals	Absent				
Amorphous	Absent				
Monilia	Present				
Other:	Absent				

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	13/01/2024 12:04PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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<b>Haematology</b>					
ArcoFemi Healthcare Ltd Below 40 Female					
					EDTA Blood
<b>CBC WITH ESR</b>					
Haemoglobin	13.3	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	41.5	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.41	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	94.1	fl	83.0 - 101.0	Calculated	
MCH	30.2	pg	27.0 - 31.0	Calculated	
MCHC	32.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.2	%	11.5 - 14.0	Calculated	
Platelet count	296000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.7	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6340.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	50	%	40.0 - 70.0		
Lymphocytes	43	%	22 - 45		
Eosinophils	01	%	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*	3170	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2726.2	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	63.4	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	380.4	/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)	11	mm/hr	0 - 12	Photometric capillary stopped flow kinetic	

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Reg.No:G-14786  
Consultant Pathologist



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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	13/01/2024 4:17PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
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### CytoPathology

ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

#### Specimen

Cervical PAP smear.

#### Clinical Diagnosis

LMP - 27/11/2023, P2G2.

#### Gross Description

Two fixed unstained slides received, PAP stain done.

#### Microscopic Description

Smears are satisfactory for evaluation.

Endocervical cells and metaplastic squamous cells are seen.

Many superficial, intermediate cells and parabasal cells seen.

Moderate inflammation with predominance of neutrophils and many RBCs seen.

Few lactobacilli are seen. Fungi present in budding forms.

No evidence of intraepithelial lesion or malignancy.

#### Diagnosis

Cervical smear - **Moderate inflammation and negative for intraepithelial lesion or malignancy.**

#### Fungal organisms morphologically consistent with candida species.

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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\*\*End Of Report\*\*

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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Below 40 Female

**BLOOD GROUPING**

EDTA Blood

ABO Group

"B"

Tube Agglutination Method

Rh Type

Positive

\*\*End Of Report\*\*

Dr. Jitendra Narendrabhai Nayak

Reg.No:G-14786

Consultant Pathologist