



### DEPARTMENT OF LABORATORY SERVICES

<b>Patient</b>	Mrs. JYOTIBA B MAHIDA	<b>Lab No/ManualNo</b>	5378837/
<b>UHIDNo/IPNO</b>	300445152	<b>CollectionDate</b>	08/03/2024 9:41AM
<b>Age/Gender</b>	33 Years/Female	<b>Receiving Date</b>	08/03/2024 10:03AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	08/03/2024 3:47PM
<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
<b>Biochemistry</b> ArcoFemi Healthcare Ltd Below 40 Female					
					Serum
Gamma GT	15.30	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.60	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age	33				
Weight	51				
Gender	0.85				
eGFR	107.37	mL/minute/1.73 m <sup>2</sup>	71 - 140		Serum
Uric Acid	3.1	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	88.8	mg/dL	< 100.0	Hexokinase	

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



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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

Serum

Post prandial Glucose	120.5	mg/dL	< 140.0	Hexokinase
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

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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)	15.00	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	15.60	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate

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Alkaline Phosphatase	91.6	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.33	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.11	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	7.45	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.63	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.82	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.64	Ratio	0.90 - 2.80	Ratio

EDTA Blood

HbA1c (Glyco Hb)	5.75	%	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	127.4	mg/dL	80.0 - 140.0	

Serum

Blood Urea	18.9	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	8.8	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.420	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	7.650	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	3.170	uIU/mL	0.270 - 4.200	ECLIA.

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(\*) 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	167.10	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	43.10	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	46.60	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	123.10	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	8.62	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.64		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.59		< 4.50		

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	08/03/2024 11:11AM
<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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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	6.0		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.Gluocse	Nil				
U.Acetone	Absent				
BS/BP	Absent				
<b>Microscopic Examination</b>				Microscopy	

Pus Cell	Occasional		/H.P.F.		
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 12:07PM
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#### Haematology

ArcoFemi Healthcare Ltd Below 40 Female

#### CBC WITH ESR

EDTA Blood

Haemoglobin	<b>L 10.0</b>	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	<b>L 33.5</b>	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.58	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	<b>L 73.1</b>	fl	83.0 - 101.0	Calculated	
MCH	<b>L 21.8</b>	pg	27.0 - 31.0	Calculated	
MCHC	<b>L 29.9</b>	g/dL	32.0 - 36.0	Calculated	
RDW-CV	<b>H 16.7</b>	%	11.5 - 14.0	Calculated	
Platelet count	378000	/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	48	%	40.0 - 70.0		
Lymphocytes	43	%	22 - 45		
Eosinophils	02	%	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*	3139.2	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2812.2	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	130.8	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	457.8	/cumm	0 - 800		
Peripheral Smear Study	RBCs shows Anisocytosis(+),Microcytosis(+),Hypochromia(+).Platelets are adequate in number. Malarial Parasites are not seen.No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	<b>H 60</b>	mm/hr	0 - 12	Photometric capillary stopped flow kinetic	

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### CytoPathology

ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

#### Specimen

Cervical PAP smear.

#### Clinical Diagnosis

LMP : 28/02/2024, P1G1.

#### Gross Description

Two fixed unstained slide received, PAP stain done.

#### Microscopic Description

Smears are satisfactory for evaluation.

Many superficial, few intermediate cells and few parabasal cells seen.

Severe inflammation with predominance of neutrophils seen.

Moderate lactobacilli are seen. No parasites/ fungi.

No evidence of intraepithelial lesion or malignancy.

#### Diagnosis

Cervical smear - **Severe 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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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	08/03/2024 1:31PM
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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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#### Immuno-Haematology

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#### BLOOD GROUPING

EDTA Blood

ABO Group	"O"	Tube Agglutination Method
Rh Type	Positive	

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