



### DEPARTMENT OF LABORATORY SERVICES

<b>Patient</b>	Mrs. VARSHA NATVARLAL MAHERIYA	<b>Lab No/ManualNo</b>	5378873/
<b>UHIDNo/IPNO</b>	300443001	<b>CollectionDate</b>	08/03/2024 10:23AM
<b>Age/Gender</b>	36 Years/Female	<b>Receiving Date</b>	08/03/2024 10:37AM
<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>	Normal

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

ArcoFemi Healthcare Ltd Below 40 Female

					Serum
Gamma GT	16.30	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.60	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Uric Acid	5.5	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	91.0	mg/dL	< 100.0	Hexokinase	Serum
<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					

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



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Post prandial Glucose 117.5 mg/dL < 140.0 Hexokinase  
Post prandial Urine Glucose SNG

### As per ADA Guideline

#### For Fasting Plasma Glucose

Normal : Less than 100 mg/dL

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#### 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)	22.20	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	17.30	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	74.7	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.47	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.16	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.31	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.04	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.45	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.59	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.72	Ratio	0.90 - 2.80	Ratio

EDTA Blood

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HbA1c (Glyco Hb)	5.72	%	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	126.2	mg/dL	80.0 - 140.0	
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
TOTAL T3*	1.620	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	8.270	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	2.640	uIU/mL	0.270 - 4.200	ECLIA.

Serum

Serum

(\*) 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	138.40	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	63.50	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	39.20	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	93.70	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	12.7	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.39		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.53		< 4.50		

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	08/03/2024 1:06PM
<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	5			Reflectance photometer	
Sp. Gravity	1.015		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	20-25		/H.P.F.	Microscopy	
Red Blood Cell	Nil		/H.P.F.		
Epithelial cell	25-30		/H.P.F.		
Cast	Absent				
Crystals	Absent				
Amorphous	Absent				
Monilia	Absent				

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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	L 11.4	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	L 34.5	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	L 4.13	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	83.5	fl	83.0 - 101.0	Calculated	
MCH	27.6	pg	27.0 - 31.0	Calculated	
MCHC	33.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.8	%	11.5 - 14.0	Calculated	
Platelet count	232000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.8	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5350.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	61	%	40.0 - 70.0		
Lymphocytes	34	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	03	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	3263.5	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1819	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	107.0	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	160.5	/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)	05	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 : 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	

\*\*End Of Report\*\*

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