



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient Name</b>	Mrs. JIPAL MAKWANA	<b>RIS No/ManualNo</b>	5189846/
<b>UHIDNo/IPNO</b>	300417313	<b>CollectionDate</b>	22/07/2023 9:14AM
<b>Age/Gender</b>	26 Years/Female	<b>Receiving Date</b>	22/07/2023 9:54AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	22/07/2023 1:38PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
<b>Order Date</b>	22/07/2023 9:03AM	<b>Sample Quality</b>	

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

ArcoFemi Healthcare Ltd Below 40 Female

Gamma GT	14.20	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.51	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Age	26				
Weight	57				
Gender	0.85				
eGFR	<b>H 150.42</b>	mL/minute/1.73 m <sup>2</sup>	72 - 110		
Uric Acid	3.6	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	92.0	mg/dL	70 - 100	Hexokinase	Serum
<b><u>LIVER FUNCTION TEST (LFT) SERUM</u></b>					Serum
SGPT(ALT)	13.30	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	
SGOT(AST)	21.70	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	72.5	U/L	35 - 140	PNP-Standardize	
Bilirubin Total	0.32	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct	0.14	mg/dL	0.00 - 0.20	Diazo Method	

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



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Bilirubin Indirect	0.18	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	6.91	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.48	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.43	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.84	Ratio	0.90 - 2.80	Ratio	
HbA1c (Glyco Hb)	5.67	%	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	EDTA Blood
Mean Plasma Glucose	124.6	mg/dL	80 - 140		
Blood Urea	27.4	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	12.80	mg/dL	6 - 20	Ureas with UV	
TOTAL T3*	1.290	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	8.290	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	1.530	uIU/mL	0.270 - 4.200	ECLIA.	

(\*) Not in NABL Scope

\*\*End Of Report\*\*

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<b>Biochemistry</b>					
ArcoFemi Healthcare Ltd Below 40 Female					
Post prandial Glucose	106.4	mg/dL	70 - 140	Hexokinase	Serum

\*\*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	113.00	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	58.60	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	Enzymatic colorimetric	
Cholesterol HDL	47.20	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	53.00	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	
Cholesterol VLDL	11.72	mg/dL	< 30		
LDL/HDL RATIO	1.12		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	2.39		< 4.50		

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<b>Age/Gender</b>	26 Years/Female	<b>Receiving Date</b>	22/07/2023 9:52AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	22/07/2023 11:44AM
<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	5.0		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.025		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**

				Microscopy	
Pus Cell	4-6		/H.P.F.		
Red Blood Cell	1-2		/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>Bed No/Ward</b>	OPD	<b>Report Date</b>	22/07/2023 12:21PM
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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Female

Citrate Whole Blood, EDTA Blood

**CBC WITH ESR**

Haemoglobin	L 10.4	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	L 32.5	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	L 3.91	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	83.1	fl	83.0 - 101.0	Calculated	
MCH	L 26.6	pg	27.0 - 31.0	Calculated	
MCHC	32.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.8	%	11.5 - 14.0	Calculated	
Platelet count	261000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.0	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	L 3730	/cumm	4000 - 10500	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	51	%	40.0 - 70.0		
Lymphocytes	39	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	H 08	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	1902.3	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1454.7	/cumm	1000 - 4800		
Absolute Eosinophil Count*	74.6	/cumm	40 - 450		
Absolute Monocyte Count*	298.4	/cumm	0 - 800		

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Peripheral Smear Study

RBCs shows Hypochromia(+).  
WBCs Shows Leucopenia.  
Platelets are adequate in number.  
Malarial Parasites are not seen.  
No Premature cells are seen.

Erythrocyte Sedimentation Rate (ESR)      27                      mm/hr                      0 - 35                      Modified westergren Method

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**CytoPathology**  
ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

**Specimen**

Cervical PAP smear.

**Clinical Diagnosis**

LMP: 08/07/2023, P0G0.

**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.

(\* ) Not in NABL Scope

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**Immuno-Haematology**  
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<b>BLOOD GROUPING</b>			EDTA Blood
ABO Group	"B"		Tube Agglutination Method
Rh Type	Positive		

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