



## DEPARTMENT OF LABORATORY SERVICES

<b>Patient Name</b>	Mrs. ARACHANA AJAYSINH DODIYA	<b>RIS No/ManualNo</b>	5216902/
<b>UHIDNo/IPNO</b>	300270272	<b>CollectionDate</b>	26/08/2023 9:34AM
<b>Age/Gender</b>	30 Years/Female	<b>Receiving Date</b>	26/08/2023 9:54AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	26/08/2023 1:53PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final

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

ArcoFemi Healthcare Ltd Below 40 Female

Gamma GT	10.50	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.61	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Age	30				
Weight	71				
Gender	0.85				
eGFR	<b>H 151.15</b>	mL/minute/1.73 m2	71 - 140		
Uric Acid	3.1	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	94.3	mg/dL	70.0 - 100.0	Hexokinase	Serum
Post prandial Glucose	100.2	mg/dL	70.0 - 140.0	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G.				

### LIVER FUNCTION TEST (LFT) SERUM

SGPT(ALT)	12.90	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	14.70	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	74.9	U/L	35.0 - 140.0	PNP-Standardize	
Bilirubin Total	0.34	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	0.20	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.10	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.33	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.77	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.56	Ratio	0.90 - 2.80	Ratio	
EDTA Blood					
HbA1c (Glyco Hb)	5.64	%	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	124	mg/dL	80.0 - 140.0		
Serum					
Blood Urea	<b>L 16.0</b>	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	
BUN*	7	mg/dL	6.0 - 20.0	Ureas with UV	
Serum					
TOTAL T3*	0.914	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	6.330	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.600	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	161.80	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	65.30	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	52.70	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	102.10	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	
Cholesterol VLDL	13.06	mg/dL	< 30		
LDL/HDL RATIO	1.94		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.07		< 4.50		

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<b>Age/Gender</b>	30 Years/Female	<b>Receiving Date</b>	26/08/2023 10:56AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	26/08/2023 12:17PM
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### Clinical Pathology

ArcoFemi Healthcare Ltd Below 40 Female

### URINE ROUTINE EXAMINATION

Urine

#### Physical Examination:

Quantity	30 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Clear			Visual method	
Reaction	6			Reflectance photometer	
Sp. Gravity	1.010		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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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	26/08/2023 1:07PM
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### Haematology

ArcoFemi Healthcare Ltd Below 40 Female

#### CBC WITH ESR

EDTA Blood

Haemoglobin	L 11.0	g/dL	12.5 - 16.0	SLS Method
Hematocrit/PCV	37.2	%	37.0 - 47.0	H.focusing Method
RBC COUNT	H 6.57	mill/Cmm	4.20 - 5.40	H.focusing impedance
MCV	L 56.6	fl	83.0 - 101.0	Calculated
MCH	L 16.7	pg	27.0 - 31.0	Calculated
MCHC	L 29.6	g/dL	32.0 - 36.0	Calculated
RDW-CV	H 16.2	%	11.5 - 14.0	Calculated
Platelet count	324000	/cumm	150000 - 450000	H.focusing impedance
Mean Platelet Volume(MPV)*	9	fl	8 - 12	Calculated
Total Leucocyte Count (TLC)	6320.00	/cumm	4000.00 - 10500.00	Flow Cytometry
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic
Neutrophils	52	%	40.0 - 70.0	
Lymphocytes	37	%	22 - 45	
Eosinophils	H 06	%	1.0 - 4.0	
Monocytes	05	%	1.0 - 6.0	
Basophils	00	%	0.0 - 1.0	
Immature Granulocytes	00	%	0 - 2	

#### **Absolute Leucocyte Count**

Absolute Neutrophil Count*	3286.4	/cumm	1800 - 7700
Absolute Lymphocyte count*	2338.4	/cumm	1000 - 4800
Absolute Eosinophil Count (AEC)	379.2	/cumm	0.0 - 450.0
Absolute Monocyte Count*	316	/cumm	0 - 800

Peripheral Smear Study  
RBCs shows Anisocytosis(+),Microcytosis(+++),Hypochromia(+++),Elliptocytosis (+),Targetcells(+).  
Platelets are adequate in number.  
Malarial Parasites are not seen.  
No Premature cells are seen.

Advise

Dr. Jitendra Narendrabhai Nayak  
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Hb electrophoresis

Erythrocyte Sedimentation Rate (ESR) **H 18** mm/hr 0 - 12 Modified westergren Method

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	26/08/2023 5:02PM
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### CytoPathology

ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

#### Specimen

Cervical PAP smear.

#### Clinical Diagnosis

LMP : 18/08/2023. P1G1. LSCS.

#### 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.

(\*) Not in NABL Scope

\*\*End Of Report\*\*

Dr. Gautam Jitendra Shah  
Reg No: G-38505  
Consultant HistoPathologist



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### Immuno-Haematology

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### BLOOD GROUPING

EDTA Blood

ABO Group

"O"

Tube Agglutination Method

Rh Type

Positive

\*\*End Of Report\*\*

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Consultant Pathologist