



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mrs. SONALI JALPAN GERIA	RIS No/ManualNo	5226416/
UHIDNo/IPNO	300423257	CollectionDate	08/09/2023 9:00AM
Age/Gender	26 Years/Female	Receiving Date	08/09/2023 9:10AM
Bed No/Ward	OPD	Report Date	08/09/2023 2:45PM
Referred By	Dr. Rikin Mahendrabhai Shah	Report Status	Final

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

ArcoFemi Healthcare Ltd Below 40 Female

Gamma GT	10.30	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.52	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Age	26				
Weight	83.3				
Gender	0.85				
eGFR	H 215.59	mL/minute/1.73 m ²	72 - 110		
Uric Acid	3.6	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 103.9	mg/dL	70.0 - 100.0	Hexokinase	Serum

LIVER FUNCTION TEST (LFT) SERUM

SGPT(ALT)	11.80	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	13.30	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	101.6	U/L	35.0 - 140.0	PNP-Standardize	
Bilirubin Total	0.34	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct	0.13	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.21	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.96	g/dL	6.40 - 8.20	Biuret Method	
Albumin	L 3.84	g/dL	3.97 - 4.95	BCG Endpoint	



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Reg.No:G-14786
Consultant Pathologist



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Globulin	H	4.12	g/dL	2.20 - 3.50	Calculated	
A/G Ratio		0.93	Ratio	0.90 - 2.80	Ratio	
HbA1c (Glyco Hb)		5.60	%	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		121.9	mg/dL	80.0 - 140.0		
Blood Urea	L	12.9	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*		6.0	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*		1.240	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*		8.520	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE		3.060	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					
Post prandial Glucose	112.2	mg/dL	70.0 - 140.0	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G. = Sample Not Given				

End Of Report



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Biochemistry					
ArcoFemi Healthcare Ltd Below 40 Female					
					Serum
LIPID PROFILE (WITH DIRECT LDL)					
Sample Type	Fasting				
Cholesterol Total	132.40	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	90.90	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	43.70	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	81.20	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	18.18	mg/dL	< 30		
LDL/HDL RATIO	1.86		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.03		< 4.50		



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Bed No/Ward	OPD	Report Date	08/09/2023 11:51AM
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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	7.0		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	Absent				
BS/BP	Absent				

Microscopic Examination

Pus Cell	4-6		/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				

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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Haematology

ArcoFemi Healthcare Ltd Below 40 Female

EDTA Blood

CBC WITH ESR

Haemoglobin	L 10.0	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	L 32.8	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.35	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	L 75.4	fl	83.0 - 101.0	Calculated	
MCH	L 23.0	pg	27.0 - 31.0	Calculated	
MCHC	L 30.5	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H 15.3	%	11.5 - 14.0	Calculated	
Platelet count	358000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	7780.00	/cumm	4000.00 - 10500.00	Flow Cytometry	

Differential Leucocyte Count

Neutrophils	69	%	40.0 - 70.0	Flowcytometry/Microscopic	
Lymphocytes	26	%	22 - 45		
Eosinophils	01	%	1.0 - 4.0		
Monocytes	04	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		

Absolute Leucocyte Count

Absolute Neutrophil Count*	5368.2	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2022.8	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	77.8	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	311.2	/cumm	0 - 800		

Peripheral Smear Study

RBCs are Anisocytosis(+),Microcytosis(+),Hypochromia(+).
Platelets are adequate in number.
Malarial Parasites are not seen.
No Premature cells are seen.

Erythrocyte Sedimentation Rate (ESR)	H 65	mm/hr	0 - 12	Modified westergren Method	
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CytoPathology

ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

Specimen

Cervical PAP smear.

Clinical Diagnosis

LMP: 29/08/2023, P2G2.

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.

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Immuno-Haematology					
ArcoFemi Healthcare Ltd Below 40 Female					
BLOOD GROUPING					EDTA Blood
ABO Group	"O"			Tube Agglutination Method	
Rh Type	Positive				

End Of Report



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