



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mrs. SANJUKTA JENA	Lab No/ManualNo	5248857/
UHIDNo/IPNO	300426894	CollectionDate	04/10/2023 9:25AM
Age/Gender	37 Years/Female	Receiving Date	04/10/2023 9:47AM
Bed No/Ward	OPD	Report Date	04/10/2023 3:22PM
Referred By	Dr. Hardik Rameshchandra 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	12.00	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.62	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Age	37				
Weight	62.4				
Gender	0.85				
eGFR	122.38	mL/minute/1.73 m ²	71 - 140		
Uric Acid	5.1	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	85.9	mg/dL	70.0 - 100.0	Hexokinase	Serum
Post prandial Glucose	84.9	mg/dL	70.0 - 140.0	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G. = Sample Not Given				

LIVER FUNCTION TEST (LFT) SERUM

SGPT(ALT)	20.60	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	24.30	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	80.6	U/L	35.0 - 140.0	PNP-Standardize	
Bilirubin Total	0.50	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct	0.18	mg/dL	0.00 - 0.20	Diazo Method	



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Reg.No:G-14786
Consultant Pathologist



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Bilirubin Indirect	0.32	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	H 8.48	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.55	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	H 3.93	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.16	Ratio	0.90 - 2.80	Ratio	
HbA1c (Glyco Hb)	6.08	%	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	139.3	mg/dL	80.0 - 140.0		
Blood Urea	L 12.2	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	L 5.7	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.410	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	10.380	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.350	uIU/mL	0.270 - 4.200	ECLIA.	

(*) Not in NABL Scope

End Of Report



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LIPID PROFILE (WITH DIRECT LDL)

Serum

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Sample Type	Fasting				
Cholesterol Total	137.40	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	79.20	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	45.70	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	82.20	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	15.84	mg/dL	< 30		
LDL/HDL RATIO	1.80		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.01		< 4.50		



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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			Reflectance photometer	
Sp. Gravity	1.005		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	
				Reflectance photometer/Manual	

Chemical Examination:

U.Albumin	Nil
U.Gluocse	Nil
U.Acetone	Nil
BS/BP	Absent

Microscopic Examination

Pus Cell	Occasioanl	/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	
Other:	Absent	

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



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Haematology

ArcoFemi Healthcare Ltd Below 40 Female

CBC WITH ESR

EDTA Blood

Haemoglobin	L 10.9	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	L 34.3	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	L 4.11	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	83.5	fl	83.0 - 101.0	Calculated	
MCH	L 26.5	pg	27.0 - 31.0	Calculated	
MCHC	L 31.8	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H 14.4	%	11.5 - 14.0	Calculated	
Platelet count	154000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	H 14	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6000.00	/cumm	4000.00 - 10500.00	Flow Cytometry	

Differential Leucocyte Count

Flowcytometry/Microscopic

Neutrophils	51	%	40.0 - 70.0		
Lymphocytes	42	%	22 - 45		
Eosinophils	02	%	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*	3060	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2520	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	120.0	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	300	/cumm	0 - 800		

Peripheral Smear Study

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

Erythrocyte Sedimentation Rate (ESR)	H 87	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: 26/09/2023, P1G1.

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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