



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mrs. NEELAM T CHAUDHARY	Lab No/ManualNo	5005248/
UHIDNo/IPNO	300391014	CollectionDate	10/12/2022 10:02AM
Age/Gender	39 Years/Female	Receiving Date	10/12/2022 10:03AM
Bed No/Ward	OPD	Report Date	10/12/2022 7:03PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final

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

ArcoFemi Healthcare Ltd Below 40 Female

Protein Total	8.0	g/dL	6.4 - 8.2	Biuret Method	Serum
Albumin	4.4	g/dL	3.97 - 4.95	BCG Endpoint	
Creatinine	0.67	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Uric Acid	5.1	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 101.8	mg/dL	70 - 100	Hexokinase	Serum
LIVER FUNCTION TEST (LFT) SERUM					
SGPT(ALT)	23.9	U/L	0 - 33	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	19.40	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	104.4	U/L	38.0 - 126.0	PNP-Standardize	
Bilirubin Total	0.2	mg/dL	0.0 - 1.0	Diazo Method	
Bilirubin Direct	0.1	mg/dL	0.0 - 0.3	Diazo Method	
Bilirubin Indirect	0.10	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	8.0	g/dL	6.4 - 8.2	Biuret Method	
Albumin	4.4	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	H 3.6	g/dL	2.2 - 3.5		
A/G Ratio	L 1.22	Ratio	1.50 - 2.50	Ratio	
HbA1c (Glyco Hb)	5.91	%	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



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M.D (Path)



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Mean Plasma Glucose	133.0	mg/dL	80 - 140		
Blood Urea	L 15.2	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	7.10	mg/dL	6 - 20	Ureas with UV	
(*) 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	196.6	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	187.0	mg/dL	Less than 150 mg/dL 150-199 mg/dL Borderline High 200-499 mg/dL High 500 mg/dL or greater very High	Enzymatic colorimetric	
Cholesterol HDL	27.7	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	153.1	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	H 37.4	mg/dL	< 30		
LDL/HDL RATIO	H 5.53		< 4	Calculated	
Cholesterol Total / HDL Ratio	H 7.1		< 5	Calculated	

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Bed No/Ward	OPD	Report Date	10/12/2022 12:05PM
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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	6.0		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Nil			Reflectance photometer/Manual	
U.Gluocse	Present(++)				
U.Acetone	Absent				
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				

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Haematology

ArcoFemi Healthcare Ltd Below 40 Female

Citrate Whole Blood, EDTA Blood

CBC WITH ESR

Haemoglobin	13.6	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	45.4	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	H 5.74	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	L 79.1	fl	83.0 - 101.0	Calculated	
MCH	L 23.7	pg	27.0 - 31.0	Calculated	
MCHC	L 30.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.2	%	11.5 - 14.0	Calculated	
Platelet count	370000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	10.3	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6920	/cumm	4000 - 10500	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	52	%	40.0 - 70.0		
Lymphocytes	40	%	22 - 45		
Eosinophils	03	%	1.0 - 4.0		
Monocytes	05	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	3598.4	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2768	/cumm	1000 - 4800		
Absolute Eosinophil Count*	207.6	/cumm	40 - 450		
Absolute Monocyte Count*	346	/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)	H 45	mm/hr	0 - 12	Modified westergren Method	

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Cytology

ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

Specimen

Cervical PAP smear.

Clinical Diagnosis

LMP : 3/12/2022. 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.

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Biochemistry/Immunology					
ArcoFemi Healthcare Ltd Below 40 Female					
Serum					
TOTAL T3*	1.26	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	7.47	ug/dl	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	3.830	mIU/mL	0.270 - 4.200	ECLIA.	
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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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