



DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. HEENA ZALA	Lab No/ManualNo	5388526/
UHIDNo/IPNO	300446682	CollectionDate	19/03/2024 11:26AM
Age/Gender	38 Years/Female	Receiving Date	19/03/2024 11:27AM
Bed No/Ward	OPD	Report Date	19/03/2024 5:06PM
Referred By	Dr. Parvin Anish Chandarana	Report Status	Final
		Sample Quality	Normal

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

ArcoFemi Healthcare Ltd Below 40 Female

					Serum
Gamma GT	17.40	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.62	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Uric Acid	L 2.0	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	94.6	mg/dL	< 100.0	Hexokinase	
As per ADA Guideline Normal : Less than 100 mg/dL Prediabetes : 100 mg/dL to 125 mg/dL Diabetes : 126 mg/dL or Higher					

***LIVER FUNCTION TEST (LFT) SERUM**

SGPT(ALT)	13.40	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	10.30	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	62.3	U/L	35.0 - 140.0	PNP-Standardize	

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



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Bilirubin Total	0.69	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	H 0.29	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.40	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	6.87	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.48	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.39	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.87	Ratio	0.90 - 2.80	Ratio

Serum

Blood Urea	17.4	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	8.1	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.360	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	7.370	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	1.450	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

Serum

Post prandial Glucose	81.9	mg/dL	< 140.0	Hexokinase
Post prandial Urine Glucose	S.N.G. = Sample Not Given			
As per ADA Guideline				
Normal : Less than 100 mg/dL				
Prediabetes : 100 mg/dL to 125 mg/dL				
Diabetes : 126 mg/dL or Higher				

EDTA Blood

HbA1c (Glyco Hb)	5.50	%	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	120.0	mg/dL	80.0 - 140.0	

(*) Not in NABL Scope

End Of Report

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



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Biochemistry

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***LIPID PROFILE (WITH DIRECT LDL**

Serum

Sample Type	Fasting				
Cholesterol Total	159.20	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	63.20	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	GPO-PAP	
HDL Cholesterol	42.70	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	113.20	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	
VLDL Cholesterol	12.64	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.65		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.73		< 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	6.0		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.010		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	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

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***CBC WITH ESR**

EDTA Blood

Haemoglobin	13.8	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	43.2	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	5.08	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	85.0	fl	83.0 - 101.0	Calculated	
MCH	27.2	pg	27.0 - 31.0	Calculated	
MCHC	L 31.9	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.4	%	11.5 - 14.0	Calculated	
Platelet count	298000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.5	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	9500.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	63	%	40 - 70		
Lymphocytes	32	%	22 - 45		
Eosinophils	01	%	1 - 4		
Monocytes	04	%	1 - 6		
Basophils	00	%	0 - 1		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	5985	/cumm	1800 - 7700		
Absolute Lymphocyte count*	3040	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	95.0	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	380	/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)	11	mm/hr	0 - 12	Photometric capillary stopped flow kinetic	

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Bed No/Ward	OPD	Report Date	20/03/2024 12:36PM
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CytoPathology

ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

Specimen

Cervical PAP smear.

Clinical Diagnosis

LMP : 20/03/2024, P1G1.

Gross Description

Two fixed unstained slide received, PAP stain done.

Microscopic Description

Smears are satisfactory for evaluation. Endocervical cells seen.
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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End Of Report

Dr. Vijati Chetanbhai Vithlani
MBBS+MD Pathology
Pathologist (Reg. No:- G-37173)



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Immuno-Haematology

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***BLOOD GROUPING**

EDTA Blood

ABO Group	"B"			Tube Agglutination Method	
Rh Type	Positive				

(*) Not in NABL Scope

End Of Report

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