



DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. AANAL ARPIT PATEL	Lab No/ManualNo	5397526/
UHIDNo/IPNO	300447969	CollectionDate	29/03/2024 9:15AM
Age/Gender	38 Years/Female	Receiving Date	29/03/2024 9:29AM
Bed No/Ward	OPD	Report Date	29/03/2024 3:35PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry					
ArcoFemi Healthcare Ltd Below 40 Female					
					Serum
Gamma GT	16.90	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.60	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age	38				
Weight	57.5				
Gender	0.85				
eGFR	115.4	mL/minute/1.73 m ²	71 - 140		Serum
Uric Acid	4.8	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 103.5	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**

Serum



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



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SGPT(ALT)	23.70	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	
SGOT(AST)	21.50	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	83.4	U/L	35.0 - 140.0	PNP-Standardize	
Bilirubin Total	0.30	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct	0.13	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.17	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.52	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.49	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	3.03	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.48	Ratio	0.90 - 2.80	Ratio	
					EDTA Blood
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	
Mean Plasma Glucose	121.0	mg/dL	80.0 - 140.0		Serum
Blood Urea	L 14.1	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	
BUN*	6.6	mg/dL	6.0 - 20.0	Ureas with UV	Serum

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TOTAL T3*	1.920	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	7.680	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	3.510	uIU/mL	0.270 - 4.200	ECLIA.

(*) Not in NABL Scope

End Of Report



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

ArcoFemi Healthcare Ltd Below 40 Female

Serum

Post prandial Glucose	110.3	mg/dL	< 140.0	Hexokinase	
Post prandial Urine Glucose	SNG				
As per ADA Guideline					
Normal : Less than 100 mg/dL					
Prediabetes : 100 mg/dL to 125 mg/dL					
Diabetes : 126 mg/dL or Higher					

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End Of Report



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



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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

***LIPID PROFILE (WITH DIRECT LDL**

Serum

Sample Type	Fasting				
Cholesterol Total	159.30	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	160.00	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	43.60	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	98.70	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	H 32	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.26		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.65		< 4.50		

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Bed No/Ward	OPD	Report Date	29/03/2024 12:24PM
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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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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	1.010		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Nil			Reflectance photometer/Manual	
U.Gluocse	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				

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Haematology

ArcoFemi Healthcare Ltd Below 40 Female

***CBC WITH ESR**

EDTA Blood

Haemoglobin	12.6	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	40.5	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	5.01	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	L 80.8	fl	83.0 - 101.0	Calculated	
MCH	L 25.1	pg	27.0 - 31.0	Calculated	
MCHC	L 31.1	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.9	%	11.5 - 14.0	Calculated	
Platelet count	285000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	10.2	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6860.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	62	%	40 - 70		
Lymphocytes	28	%	22 - 45		
Eosinophils	03	%	1 - 4		
Monocytes	H 07	%	1 - 6		
Basophils	00	%	0 - 1		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	4253.2	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1920.8	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	205.8	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	480.2	/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 23	mm/hr	0 - 12	Photometric capillary stopped flow kinetic	

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CytoPathology

ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

Specimen

Cervical PAP smear.

Clinical Diagnosis

LMP - 10/03/2024.

Gross Description

One fixed unstained slides received, PAP stain done.

Microscopic Description

Smears are satisfactory for evaluation.

Endocervical cells and metaplastic squamous cells are seen.

Many superficial, intermediate cells and parabasal cells seen.

Mild inflammation with predominance of neutrophils and many RBCs seen.

Few lactobacilli are seen. Fungi present in budding forms.

No evidence of intraepithelial lesion or malignancy.

Diagnosis

Cervical smear - **Mild inflammation and negative for intraepithelial lesion or malignancy.**

Fungal organisms morphologically consistent with candida species.

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

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***BLOOD GROUPING**

EDTA Blood

ABO Group	"O"			Tube Agglutination Method	
Rh Type	Positive				

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