



DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. EKTA SONI	Lab No/ManualNo	5356103/
UHIDNo/IPNO	300441989	CollectionDate	12/02/2024 10:58AM
Age/Gender	25 Years/Female	Receiving Date	12/02/2024 12:03PM
Bed No/Ward	OPD	Report Date	12/02/2024 5:11PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Biochemistry					
ArcoFemi Healthcare Ltd Below 40 Female					
					Serum
Gamma GT	11.20	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	L 0.47	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Uric Acid	4.4	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	89.9	mg/dL	< 100.0	Hexokinase	

As per ADA Guideline
For Fasting Plasma Glucose
 Normal : Less than 100 mg/dL
 Prediabetes : 100 mg/dL to 125 mg/dL
 Diabetes : 126 mg/dL or Higher
For 2 hrs Plasma Glucose after 75 Gms Glucose load
 Normal : Less than 140 mg/dL
 Prediabetes : 140 to 199 mg/dL
 Diabetes : 200 mg/dL or higher
For Random Plasma Glucose
 Diabetes is diagnosed at blood glucose greater than or equal to 200 mg/dL

LIVER FUNCTION TEST (LFT) SERUM Serum



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



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SGPT(ALT)	17.80	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	23.80	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	59.8	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.25	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.13	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.12	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.47	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.72	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.75	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.72	Ratio	0.90 - 2.80	Ratio

Serum

Blood Urea	L 14.2	mg/dL	16.6 - 48.5	Urease, Kinetic, GLDH
BUN*	6.6	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.190	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	5.560	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	2.670	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	100.6	mg/dL	< 140.0	Hexokinase
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As per ADA Guideline

For Fasting Plasma Glucose

Normal : Less than 100 mg/dL

Prediabetes : 100 mg/dL to 125 mg/dL

Diabetes : 126 mg/dL or Higher

For 2 hrs Plasma Glucose after 75 Gms Glucose load

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Prediabetes : 140 to 199 mg/dL

Diabetes : 200 mg/dL or higher

For Random Plasma Glucose

Diabetes is diagnosed at blood glucose greater than or equal to 200 mg/dL

EDTA Blood

HbA1c (Glyco Hb)	5.43	%	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
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Mean Plasma Glucose	115.9	mg/dL	80.0 - 140.0
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End Of Report

Dr. Jitendra Narendrabhai Nayak

Reg.No:G-14786

Consultant Pathologist



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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	135.30	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	35.70	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	58.70	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	79.80	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	7.14	mg/dL	< 30	Calculated	
LDL/HDL RATIO	1.36		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	2.30		< 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:	Slightly Hazy			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.Glucose	Absent			
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

CBC WITH ESR

EDTA Blood

Haemoglobin	L 9.8	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	L 33.2	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.41	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	L 75.3	fl	83.0 - 101.0	Calculated	
MCH	L 22.2	pg	27.0 - 31.0	Calculated	
MCHC	L 29.5	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H 17.7	%	11.5 - 14.0	Calculated	
Platelet count	293000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.1	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6910.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	60	%	40.0 - 70.0		
Lymphocytes	33	%	22 - 45		
Eosinophils	01	%	1.0 - 4.0		
Monocytes	06	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		

Absolute Leucocyte Count

Absolute Neutrophil Count*	4146	/cumm	1800 - 7700
Absolute Lymphocyte count*	2280.3	/cumm	1000 - 4800
Absolute Eosinophil Count (AEC)	69.1	/cumm	0.0 - 450.0
Absolute Monocyte Count*	414.6	/cumm	0 - 800

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

Advise



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MC - 3049



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S.Iron Profile.

Erythrocyte Sedimentation Rate (ESR) 22 mm/hr 0 - 35 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 - 16/01/2024, P0G0.

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.

(*) Not in NABL Scope

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Immuno-Haematology

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BLOOD GROUPING

EDTA Blood

ABO Group	"O"			Tube Agglutination Method	
Rh Type	Negative				

****End Of Report****



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