



DEPARTMENT OF LABORATORY SERVICES

Patient	Ms. JYOTI VERMA	Lab No/ManualNo	5366934/
UHIDNo/IPNO	300433879	CollectionDate	24/02/2024 9:17AM
Age/Gender	34 Years/Female	Receiving Date	24/02/2024 9:29AM
Bed No/Ward	OPD	Report Date	24/02/2024 2:05PM
Referred By	Dr. Casualty Medical Officer	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	19.70	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.71	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Uric Acid	2.8	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	98.7	mg/dL	< 100.0	Hexokinase	Serum

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. Jitendra Narendrabhai Nayak

Reg.No:G-14786

Consultant Pathologist



JCI (USA)

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SGPT(ALT)	17.70	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	18.50	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	79.3	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.33	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.16	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	7.03	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.60	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.43	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.89	Ratio	0.90 - 2.80	Ratio

Serum

Blood Urea	24.9	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	11.6	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.270	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	7.160	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	2.100	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	100.2	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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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)	5.38	%	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	114.1	mg/dL	80.0 - 140.0
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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

Cholesterol Total	158.10	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	58.00	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	64.60	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	85.50	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	11.6	mg/dL	< 30	Calculated	
LDL/HDL RATIO	1.32		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	2.45		< 4.50		

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Bed No/Ward	OPD	Report Date	24/02/2024 12:26PM
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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 turbid			Visual method	
Reaction	5			Reflectance photometer	
Sp. Gravity	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Present(+)			Reflectance photometer/Manual	
U.Glucose	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	8-10		/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	L 12.1	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	37.7	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	L 4.19	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	90.0	fl	83.0 - 101.0	Calculated	
MCH	28.9	pg	27.0 - 31.0	Calculated	
MCHC	32.1	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.0	%	11.5 - 14.0	Calculated	
Platelet count	167000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	H 13.0	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	7790.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	65	%	40.0 - 70.0		
Lymphocytes	28	%	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*	5063.5	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2181.2	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	155.8	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	389.5	/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 16	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 - 13/02/2024, P2G2.

Gross Description

Two 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.

Moderate 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 - **Moderate 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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		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Immuno-Haematology

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BLOOD GROUPING

EDTA Blood

ABO Group	"A"			Tube Agglutination Method	
Rh Type	Positive				

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