



DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. INDRA KANWAR	Lab No/ManualNo	5365991/
UHIDNo/IPNO	300443420	CollectionDate	23/02/2024 9:09AM
Age/Gender	25 Years/Female	Receiving Date	23/02/2024 9:26AM
Bed No/Ward	OPD	Report Date	23/02/2024 2:41PM
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	H 73.00	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	L 0.44	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Age	25				
Weight	49.6				
Gender	0.85				
eGFR	H 153.04	mL/minute/1.73 m ²	72 - 110		Serum
Uric Acid	3.9	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	87.3	mg/dL	< 100.0	Hexokinase	Serum

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



JCI (USA)

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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

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

SGPT(ALT)	H 117.70	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	H 53.40	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	135.3	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	7.25	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.74	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.51	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.89	Ratio	0.90 - 2.80	Ratio

EDTA Blood

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HbA1c (Glyco Hb)	5.36	%	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	113.4	mg/dL	80.0 - 140.0		Serum
Blood Urea	L 15.0	mg/dL	16.6 - 48.5	Urease, Kinetic, GLDH	
BUN*	7.0	mg/dL	6.0 - 20.0	Ureas with UV	Serum
TOTAL T3*	1.180	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	6.310	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.010	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	105.4	mg/dL	< 140.0	Hexokinase	
Post prandial Urine Glucose	S.N.G. = Sample Not Given				

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

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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

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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

Sample Type	Fasting				
Cholesterol Total	169.00	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	45.30	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	64.10	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	98.60	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	9.06	mg/dL	< 30	Calculated	
LDL/HDL RATIO	1.54		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	2.64		< 4.50		

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Clinical Pathology

ArcoFemi Healthcare Ltd Below 40 Female

STOOL ROUTINE

Stool, Urine

Physical Examination:

Colour	Brownish		
Consistency	Semi Solid		
Mucus	Absent	Absent	
Blood	Absent	Absent	

Chemical Examination:

Stool Occult Blood	Negative	Negative	Non-Benzidine Test /Manual/Strip
Reducing Substances	Absent		Benedicts Method

Microscopic Examination

Pus Cells	Nil	0-5	Microscopy
Red Blood Cell	Nil	/H.P.F.	
Epithelial cell	Nil	/H.P.F.	
Fat Globules	Absent	Absent	
Trophozoites	Absent	Absent	
ova	Absent	Absent	
Cysts	Absent	Absent	
Bacteria	Absent		

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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	5.0		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.Glucose	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			
Other:	Absent			

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Haematology

ArcoFemi Healthcare Ltd Below 40 Female

CBC WITH ESR

EDTA Blood

Haemoglobin	13.3	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	40.0	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.49	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	89.1	fl	83.0 - 101.0	Calculated	
MCH	29.6	pg	27.0 - 31.0	Calculated	
MCHC	33.3	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.5	%	11.5 - 14.0	Calculated	
Platelet count	332000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.6	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5840.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	L 38	%	40.0 - 70.0		
Lymphocytes	H 53	%	22 - 45		
Eosinophils	04	%	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*	2219.2	/cumm	1800 - 7700		
Absolute Lymphocyte count*	3095.2	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	233.6	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	292	/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)	08	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 - 05/02/2024, P1G1.

Gross Description

Two fixed unstained slides received, PAP stain done.

Microscopic Description

Smears are satisfactory for evaluation.

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	"A"			Tube Agglutination Method	
Rh Type	Positive				

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