



JCI (USA)

OUR ACCREDITATIONS

DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. RENUKABEN MANOJKUMAR AMIN	Lab No/ManualNo	5392283/
UHIDNo/IPNO	300447307	CollectionDate	23/03/2024 8:20AM
Age/Gender	38 Years/Female	Receiving Date	23/03/2024 8:39AM
Bed No/Ward	OPD	Report Date	23/03/2024 12:44PM
Referred By	Dr. Hardik Rameshchandra Shah	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 52.50	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	L 0.45	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Uric Acid	H 6.0	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	97.9	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)	H 36.00	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	H 36.00	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	H 151.4	U/L	35.0 - 140.0	PNP-Standardize	



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



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Bilirubin Total	0.35	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.14	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.21	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.31	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.54	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.77	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.64	Ratio	0.90 - 2.80	Ratio

EDTA Blood

HbA1c (Glyco Hb)	5.40	%	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	116.0	mg/dL	80.0 - 140.0
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Serum

Blood Urea	16.6	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	7.8	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.660	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	8.260	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	H 4.640	uIU/mL	0.270 - 4.200	ECLIA.

(*) Not in NABL Scope

End Of Report



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Biochemistry

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Serum

Post prandial Glucose	99.5	mg/dL	< 140.0	Hexokinase	
Post prandial Urine Glucose	S.N.G.				
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

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***LIPID PROFILE (WITH DIRECT LDL**

Serum

Sample Type	Fasting				
Cholesterol Total	208.50	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	102.90	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	59.00	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	141.90	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	20.58	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.41		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.53		< 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	5			Reflectance photometer	
Sp. Gravity	1.020		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	6-8		/H.P.F.		
Cast	Absent				
Crystals	Absent				
Amorphous	Absent				
Monilia	Absent				
Other:	Absent				

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Haematology

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***CBC WITH ESR**

EDTA Blood

Haemoglobin	13.0	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	38.7	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.49	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	86.2	fl	83.0 - 101.0	Calculated	
MCH	29.0	pg	27.0 - 31.0	Calculated	
MCHC	33.6	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.3	%	11.5 - 14.0	Calculated	
Platelet count	287000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	10.4	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	7800.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	67	%	40 - 70		
Lymphocytes	25	%	22 - 45		
Eosinophils	02	%	1 - 4		
Monocytes	06	%	1 - 6		
Basophils	00	%	0 - 1		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	5226	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1950	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	156.0	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	468	/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.				

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CytoPathology

ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

Specimen

Cervical PAP smear.

Clinical Diagnosis

LMP - 09/03/2024, P2G2.

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 .

Moderate lactobacilli are seen.

No evidence of intraepithelial lesion or malignancy.

Diagnosis

Cervical smear - **Mild inflammation and negative for 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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Immuno-Haematology

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***BLOOD GROUPING**

EDTA Blood

ABO Group	"O"			Tube Agglutination Method	
Rh Type	Positive				

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