



DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. NEHA ANANDKUMAR GOUD	Lab No/ManualNo	5384170/
UHIDNo/IPNO	300446064	CollectionDate	14/03/2024 10:16AM
Age/Gender	36 Years/Female	Receiving Date	14/03/2024 11:03AM
Bed No/Ward	OPD	Report Date	14/03/2024 2:45PM
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	12.70	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.58	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age	36				
Weight	69				
Gender	0.85				
eGFR	H 146.06	mL/minute/1.73 m2	71 - 140		Serum
Uric Acid	5.1	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	93.1	mg/dL	< 100.0	Hexokinase	

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



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

Serum

Post prandial Glucose 84.9 mg/dL < 140.0 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

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LIVER FUNCTION TEST (LFT) SERUM

Serum

SGPT(ALT)	10.00	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	16.50	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	101.6	U/L	35.0 - 140.0	PNP-Standardize

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Bilirubin Total	0.29	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.10	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.19	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.40	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.50	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.90	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.55	Ratio	0.90 - 2.80	Ratio

Serum

Blood Urea	18.2	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	8.5	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.150	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	5.610	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	H 4.460	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

EDTA Blood

HbA1c (Glyco Hb)	5.90	%	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	132.5	mg/dL	80.0 - 140.0		

****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	206.30	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	129.40	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	49.00	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	142.80	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	25.88	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.91		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	4.21		< 4.50		

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Bed No/Ward	OPD	Report Date	14/03/2024 12:32PM
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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	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.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	L 10.9	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	L 36.2	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.34	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	83.4	fl	83.0 - 101.0	Calculated	
MCH	L 25.1	pg	27.0 - 31.0	Calculated	
MCHC	L 30.1	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.3	%	11.5 - 14.0	Calculated	
Platelet count	333000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	10.8	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6540.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	57	%	40.0 - 70.0		
Lymphocytes	35	%	22 - 45		
Eosinophils	03	%	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*	3727.8	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2289	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	196.2	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	327	/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 55	mm/hr	0 - 12	Photometric capillary stopped flow kinetic	

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Reg.No:G-14786



MC - 3049



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Consultant Pathologist



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Bed No/Ward	OPD	Report Date	14/03/2024 5:10PM
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CytoPathology

ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

Specimen

Cervical PAP smear.

Clinical Diagnosis

Screening

Gross Description

Two fixed unstained slides received, PAP stain done.

Microscopic Description

Smears are satisfactory for evaluation.

Many superficial, intermediate cells and few parabasal cells seen.

Mild inflammation with predominance of neutrophils seen.

Moderate lactobacilli are seen. No parasites/ fungi.

No evidence of intraepithelial lesion or malignancy.

Diagnosis

Cervical smear - **Mild inflammation and no evidence of 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.

(*) Not in NABL Scope

End Of Report

Dr. Gautam Jitendra Shah
Reg No: G-38505
Consultant HistoPathologist



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Immuno-Haematology

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BLOOD GROUPING

EDTA Blood

ABO Group	"O"			Tube Agglutination Method	
Rh Type	Positive				

End Of Report

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