



JCI (USA)

OUR ACCREDITATIONS

DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. ARUNA PANDYA	Lab No/ManualNo	5361891/
UHIDNo/IPNO	300373999	CollectionDate	19/02/2024 10:44AM
Age/Gender	49 Years/Female	Receiving Date	19/02/2024 10:49AM
Bed No/Ward	OPD	Report Date	19/02/2024 4:09PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry					
ArcoFemi Healthcare Ltd Above 40 Female					
					Serum
Gamma GT	41.60	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.66	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age	49				
Weight	66.7				
Gender	0.85				
eGFR	H 108.57	mL/minute/1.73 m ²	50 - 102		Serum
Uric Acid	4.3	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 294.4	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**

Serum



Dr. Kazumi Gondalia

M.D (Path)

Reg.No.: G-21729



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SGPT(ALT)	17.30	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	16.10	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	75.8	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.26	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.11	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.15	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.28	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.45	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.83	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.57	Ratio	0.90 - 2.80	Ratio

EDTA Blood

HbA1c (Glyco Hb)	13.73	%	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	H 411.5	mg/dL	80.0 - 140.0	

Serum

Blood Urea	26.7	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	12.5	mg/dL	6.0 - 20.0	Ureas with UV

Serum

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TOTAL T3*	1.140	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	8.740	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	H 5.460	uIU/mL	0.270 - 4.200	ECLIA.

(* Not in NABL Scope)

End Of Report

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		Sample Quality	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Female

Serum

Post prandial Glucose	H 410.1	mg/dL	< 140.0	Hexokinase	
Post prandial Urine Glucose	S.N.G. = Sample Not Given				
As per ADA Guideline					
Normal : Less than 100 mg/dL					
Prediabetes : 100 mg/dL to 125 mg/dL					
Diabetes : 126 mg/dL or Higher					

(*) Not in NABL Scope

****End Of Report****

Dr. Jitendra Narendrabhai Nayak

Reg.No:G-14786

Consultant Pathologist



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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Female

***LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	226.90	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	301.70	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	31.70	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	164.50	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	H 60.34	mg/dL	< 30	Calculated	
LDL/HDL RATIO	H 5.19		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	H 7.16		< 4.50		

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MC - 3049



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		Sample Quality	

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Bed No/Ward	OPD	Report Date	19/02/2024 12:37PM
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		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Clinical Pathology

ArcoFemi Healthcare Ltd Above 40 Female

***URINE ROUTINE EXAMINATION**

Urine

Physical Examination:

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Slightly Hazy			Visual method	
Reaction	5			Reflectance photometer	
Sp. Gravity	1.025		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Present(+)			Reflectance photometer/Manual	
U.Glucose	Present(+++)				
U.Acetone	Present(+)				
BS/BP	Absent				

Microscopic Examination

Pus Cell	Occasional		/H.P.F.	Microscopy	
Red Blood Cell	30-40		/H.P.F.		
Epithelial cell	10-15		/H.P.F.		
Cast	Absent				
Crystals	Absent				
Amorphous	Absent				
Monilia	Absent				

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Haematology

ArcoFemi Healthcare Ltd Above 40 Female

***CBC WITH ESR**

EDTA Blood

Haemoglobin	13.5	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	40.7	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.87	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	83.6	fl	83.0 - 101.0	Calculated	
MCH	27.7	pg	27.0 - 31.0	Calculated	
MCHC	33.2	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.2	%	11.5 - 14.0	Calculated	
Platelet count	263000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	11.3	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	7150.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	67	%	40 - 70		
Lymphocytes	27	%	22 - 45		
Eosinophils	01	%	1 - 4		
Monocytes	05	%	1 - 6		
Basophils	00	%	0 - 1		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	4790.5	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1930.5	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	71.5	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	357.5	/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.				

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Erythrocyte Sedimentation Rate (ESR) **H 25** mm/hr 0 - 12 Photometric capillary stopped flow kinetic

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Immuno-Haematology

ArcoFemi Healthcare Ltd Above 40 Female

***BLOOD GROUPING**

EDTA Blood

ABO Group	"A"			Tube Agglutination Method	
Rh Type	Positive				

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