



JCI (USA)

OUR ACCREDITATIONS

DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. SONALI KUMARI	Lab No/ManualNo	5411544/
UHIDNo/IPNO	300449889	CollectionDate	13/04/2024 9:27AM
Age/Gender	31 Years/Female	Receiving Date	13/04/2024 10:05AM
Bed No/Ward	OPD	Report Date	13/04/2024 3:01PM
Referred By	Dr. Parvin Anish Chandarana	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	15.80	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	L 0.40	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age	31				
Weight	65				
Gender	0.85				
eGFR	H 209.11	mL/minute/1.73 m2	71 - 140		Serum
Uric Acid	3.3	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 103.5	mg/dL	< 100.0	Hexokinase	

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



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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)	27.90	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	21.60	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	82.8	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.17	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.09	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.08	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	6.95	g/dL	6.40 - 8.20	Biuret Method
Albumin	L 3.83	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	3.12	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.23	Ratio	0.90 - 2.80	Ratio

EDTA Blood



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HbA1c (Glyco Hb)	5.20	%	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	108.0	mg/dL	80.0 - 140.0	Serum
Blood Urea	L 11.9	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	L 5.6	mg/dL	6.0 - 20.0	Ureas with UV
				Serum
TOTAL T3*	H 2.030	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	8.360	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	2.230	uIU/mL	0.270 - 4.200	ECLIA.

(* Not in NABL Scope)

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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

Serum

Post prandial Glucose	113.0	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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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

End Of Report



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



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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	264.60	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	208.70	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	59.30	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	184.00	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 41.74	mg/dL	< 30	Calculated	
LDL/HDL RATIO	3.10		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	4.46		< 4.50		

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MC - 3049



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Clinical Pathology

ArcoFemi Healthcare Ltd Below 40 Female

STOOL ROUTINE

Stool, Urine

Physical Examination:

Colour	Brownish		
Consistency	Solid		
Mucus	Absent	Absent	

Chemical Examination:

Stool Occult Blood	Negative	Negative	Non-Benzidine Test /Manual/Strip
			Microscopy

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

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URINE ROUTINE EXAMINATION

Urine

Physical Examination:

Quantity	20 ml			Visual method
Colour	Pale Yellow			Visual method
Appearance:	Clear			Visual method
Reaction	6.0		4.5 - 8.0	Reflectance photometer
Sp. Gravity	1.010		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	occational		/H.P.F.	Microscopy
Red Blood Cell	nill		/H.P.F.	
Epithelial cell	10-12		/H.P.F.	
Cast	Absent			
Crystals	Absent			
Amorphous	Absent			
Monilia	Absent			

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Haematology

ArcoFemi Healthcare Ltd Below 40 Female

CBC WITH ESR

EDTA Blood

Haemoglobin	L 11.0	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	L 34.7	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	L 3.68	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	94.3	fl	83.0 - 101.0	Calculated	
MCH	29.9	pg	27.0 - 31.0	Calculated	
MCHC	L 31.7	g/dL	32.0 - 36.0	Calculated	
RDW-CV	14.0	%	11.5 - 14.0	Calculated	
Platelet count	256000	/cumm	150000 - 410000	H.focusing impedance	
Total Leucocyte Count (TLC)	H 15360.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	70	%	40 - 70		
Lymphocytes	L 18	%	22 - 45		
Eosinophils	01	%	1 - 4		
Monocytes	H 11	%	1 - 6		
Basophils	00	%	0 - 1		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	H 10752	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2764.8	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	153.6	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	H 1689.6	/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 43	mm/hr	0 - 35	Photometric capillary stopped flow kinetic	

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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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