



JCI (USA)

OUR ACCREDITATIONS

**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mrs. RIDDHIBEN ARUNKUMAR PRAJAPATI	<b>Lab No/ManualNo</b>	5411571/
<b>UHIDNo/IPNO</b>	300449878	<b>CollectionDate</b>	13/04/2024 9:52AM
<b>Age/Gender</b>	41 Years/Female	<b>Receiving Date</b>	13/04/2024 10:09AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	13/04/2024 3:36PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	Normal

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

ArcoFemi Healthcare Ltd Above 40 Female

					Serum
Gamma GT	24.70	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.63	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Age	41				
Weight	51				
Gender	0.85				
eGFR	94.61	mL/minute/1.73 m <sup>2</sup>	50 - 102		Serum
Uric Acid	4.8	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	96.9	mg/dL	< 100.0	Hexokinase	Serum



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)	21.20	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	17.80	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	56.5	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.33	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.11	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.22	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	6.68	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.23	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.45	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.73	Ratio	0.90 - 2.80	Ratio

EDTA Blood



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HbA1c (Glyco Hb)	5.70	%	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	127.0	mg/dL	80.0 - 140.0	Serum
Blood Urea	<b>L 12.4</b>	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	<b>L 5.8</b>	mg/dL	6.0 - 20.0	Ureas with UV
				Serum
TOTAL T3*	1.150	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	6.540	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	2.440	uIU/mL	0.270 - 4.200	ECLIA.

(\* Not in NABL Scope)

\*\*End Of Report\*\*

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**Biochemistry**

ArcoFemi Healthcare Ltd Above 40 Female

Serum

Post prandial Glucose	117.3	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

**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

\*\*End Of Report\*\*

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



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**Biochemistry**

ArcoFemi Healthcare Ltd Above 40 Female

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	228.00	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	175.10	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	44.60	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	161.90	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	<b>H 35.02</b>	mg/dL	< 30	Calculated	
LDL/HDL RATIO	<b>H 3.63</b>		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	<b>H 5.11</b>		< 4.50		

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	13/04/2024 12:43PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
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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:	Clear			Visual method
Reaction	7.0		4.5 - 8.0	Reflectance photometer
Sp. Gravity	1.015		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 Above 40 Female

**CBC WITH ESR**

EDTA Blood

Haemoglobin	13.3	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	39.5	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.69	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	84.2	fl	83.0 - 101.0	Calculated	
MCH	28.4	pg	27.0 - 31.0	Calculated	
MCHC	33.7	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.0	%	11.5 - 14.0	Calculated	
Platelet count	370000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.3	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	10260.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	63	%	40 - 70		
Lymphocytes	29	%	22 - 45		
Eosinophils	02	%	1 - 4		
Monocytes	06	%	1 - 6		
Basophils	00	%	0 - 1		
Immature Granulocytes	00	%	0 - 2		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	6463.8	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2975.4	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	205.2	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	615.6	/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)	09	mm/hr	0 - 35	Photometric capillary stopped flow kinetic	

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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Above 40 Female

**BLOOD GROUPING**

EDTA Blood

ABO Group	"O"			Tube Agglutination Method	
Rh Type	Positive				

\*\*End Of Report\*\*

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