



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mrs. JYOTI TAK	<b>Lab No/ManualNo</b>	5379680/
<b>UHIDNo/IPNO</b>	300445306	<b>CollectionDate</b>	09/03/2024 8:24AM
<b>Age/Gender</b>	30 Years/Female	<b>Receiving Date</b>	09/03/2024 8:25AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	09/03/2024 1:14PM
<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 Below 40 Female

					Serum
Gamma GT	9.70	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	<b>L 0.47</b>	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age	30				
Weight	51.1				
Gender	0.85				
eGFR	<b>H 141.19</b>	mL/minute/1.73 m2	71 - 140		Serum
Uric Acid	<b>L 1.3</b>	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	88.6	mg/dL	< 100.0	Hexokinase	

Dr. Jitendra Narendrabhai Nayak  
Reg.No:G-14786  
Consultant Pathologist



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

**LIVER FUNCTION TEST (LFT) SERUM**

Serum

SGPT(ALT)	10.60	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	11.60	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	66.7	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.31	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.12	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	7.05	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.66	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.39	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.95	Ratio	0.90 - 2.80	Ratio

EDTA Blood

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HbA1c (Glyco Hb)	5.16	%	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	106.5	mg/dL	80.0 - 140.0	Serum
Blood Urea	<b>L 13.2</b>	mg/dL	16.6 - 48.5	Urease, Kinetic, GLDH
BUN*	6.2	mg/dL	6.0 - 20.0	Ureas with UV
				Serum
TOTAL T3*	1.250	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	7.630	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	<b>H 4.550</b>	uIU/mL	0.270 - 4.200	ECLIA.

(\* Not in NABL Scope)

\*\*End Of Report\*\*



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<b>Age/Gender</b>	30 Years/Female	<b>Receiving Date</b>	09/03/2024 12:14PM
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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

Serum

Post prandial Glucose	74.4	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. Kazumi Gondalia  
 M.D (Path)  
 Reg.No.: G-21729



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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	180.50	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	71.20	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	49.60	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	122.40	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	14.24	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.47		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.64		< 4.50		

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\*\*End Of Report\*\*

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	09/03/2024 11:12AM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Female

**CBC WITH ESR**

EDTA Blood

Haemoglobin	12.6	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	37.5	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.46	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	84.1	fl	83.0 - 101.0	Calculated	
MCH	28.3	pg	27.0 - 31.0	Calculated	
MCHC	33.6	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.4	%	11.5 - 14.0	Calculated	
Platelet count	262000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	8.9	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	<b>L 3780.00</b>	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	60	%	40.0 - 70.0		
Lymphocytes	34	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	04	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Peripheral Smear Study	RBCs are Normochromic & Normocytic.WBCs Shows Leucopenia. Platelets are adequate in number.Malarial Parasites are not seen.No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	<b>H 21</b>	mm/hr	0 - 12	Photometric capillary stopped flow kinetic	

\*\*End Of Report\*\*



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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	09/03/2024 11:28AM
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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Below 40 Female

**BLOOD GROUPING**

EDTA Blood

ABO Group	"B"			Tube Agglutination Method	
Rh Type	Positive				

\*\*End Of Report\*\*

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