



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mrs. SITA SAINI	<b>Lab No/ManualNo</b>	5367017/
<b>UHIDNo/IPNO</b>	300443556	<b>CollectionDate</b>	24/02/2024 10:32AM
<b>Age/Gender</b>	49 Years/Female	<b>Receiving Date</b>	24/02/2024 10:43AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	24/02/2024 2:05PM
<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	12.80	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.58	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Age	49				
Weight	69				
Gender	0.85				
eGFR	<b>H 127.81</b>	mL/minute/1.73 m2	50 - 102		Serum
Uric Acid	4.2	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	95.5	mg/dL	< 100.0	Hexokinase	Serum

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



MC - 3049



JCI (USA)



OUR ACCREDITATIONS

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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

\*\*End Of Report\*\*



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**Biochemistry**

ArcoFemi Healthcare Ltd Above 40 Female

Serum

Post prandial Glucose **H 177.5** 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**

Normal : Less than 140 mg/dL

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**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)	11.80	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	15.50	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	81.0	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.37	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.15	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	8.08	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.35	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	<b>H 3.73</b>	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.17	Ratio	0.90 - 2.80	Ratio

Dr. Kazumi Gondalia

M.D (Path)

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**Biochemistry**

ArcoFemi Healthcare Ltd Above 40 Female

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	163.00	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	181.30	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	36.20	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	104.20	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 36.26</b>	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.88		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	4.50		< 4.50		

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\*\*End Of Report\*\*

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	24/02/2024 12:38PM
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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	1.005		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

**Chemical Examination:**

U.Albumin	Nil			Reflectance photometer/Manual	
U.Glucose	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 Above 40 Female

**CBC WITH ESR**

EDTA Blood

Haemoglobin	<b>L 10.4</b>	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	<b>L 34.0</b>	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	<b>L 4.04</b>	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	84.2	fl	83.0 - 101.0	Calculated	
MCH	<b>L 25.7</b>	pg	27.0 - 31.0	Calculated	
MCHC	<b>L 30.6</b>	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.7	%	11.5 - 14.0	Calculated	
Platelet count	319000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	10.6	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5420.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	64	%	40.0 - 70.0		
Lymphocytes	29	%	22 - 45		
Eosinophils	01	%	1.0 - 4.0		
Monocytes	06	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	3468.8	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1571.8	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	54.2	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	325.2	/cumm	0 - 800		
Peripheral Smear Study	RBCs shows Targetcells(+), Platelets are adequate in number. Malarial Parasites are not seen.No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	<b>H 50</b>	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				

\*\*End Of Report\*\*



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