



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mrs. MADHULIKA KUMAR	<b>Lab No/ManualNo</b>	5397601/
<b>UHIDNo/IPNO</b>	300447966	<b>CollectionDate</b>	29/03/2024 10:19AM
<b>Age/Gender</b>	38 Years/Female	<b>Receiving Date</b>	29/03/2024 10:31AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	29/03/2024 4:23PM
<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	<b>L 3.10</b>	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.63	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age	38				
Weight	75				
Gender	0.85				
eGFR	<b>H 143.35</b>	mL/minute/1.73 m2	71 - 140		Serum
Uric Acid	4.0	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	89.1	mg/dL	< 100.0	Hexokinase	Serum
As per ADA Guideline Normal : Less than 100 mg/dL Prediabetes : 100 mg/dL to 125 mg/dL Diabetes : 126 mg/dL or Higher					

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



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Post prandial Glucose 80.6 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

**\*LIVER FUNCTION TEST (LFT) SERUM**

Serum

SGPT(ALT)	13.80	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	18.60	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	137.1	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.42	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.15	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.27	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.11	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.54	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.57	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.77	Ratio	0.90 - 2.80	Ratio

EDTA Blood

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HbA1c (Glyco Hb)	5.30	%	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	111.4	mg/dL	80.0 - 140.0		Serum
Blood Urea	28.4	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	
BUN*	13.3	mg/dL	6.0 - 20.0	Ureas with UV	Serum
TOTAL T3*	1.240	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	6.480	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	3.590	uIU/mL	0.270 - 4.200	ECLIA.	

(\* Not in NABL Scope)

\*\*End Of Report\*\*



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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

**\*LIPID PROFILE (WITH DIRECT LDL**

Serum

Sample Type	Fasting				
Cholesterol Total	154.10	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	50.30	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	61.80	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	87.70	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	10.06	mg/dL	< 30	Calculated	
LDL/HDL RATIO	1.42		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	2.49		< 4.50		

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<b>Age/Gender</b>	38 Years/Female	<b>Receiving Date</b>	29/03/2024 11:16AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	29/03/2024 12:50PM
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**Clinical Pathology**

ArcoFemi Healthcare Ltd Below 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	Nil			Reflectance photometer/Manual	
U.Glucose	Absent				
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				

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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Female

**\*CBC WITH ESR**

EDTA Blood

Haemoglobin	<b>L 11.9</b>	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	37.0	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	<b>L 4.12</b>	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	89.8	fl	83.0 - 101.0	Calculated	
MCH	28.9	pg	27.0 - 31.0	Calculated	
MCHC	32.2	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.1	%	11.5 - 14.0	Calculated	
Platelet count	<b>L 113000</b>	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	<b>H 13.9</b>	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5880.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	58	%	40 - 70		
Lymphocytes	30	%	22 - 45		
Eosinophils	<b>H 06</b>	%	1 - 4		
Monocytes	06	%	1 - 6		
Basophils	00	%	0 - 1		
Immature Granulocytes	00	%	0 - 2		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	3410.4	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1764	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	352.8	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	352.8	/cumm	0 - 800		

**Peripheral Smear Study**

RBCs are Normochromic & Normocytic. Platelets are adequate in number. & Giant platelets are seen.  
Platelets On Smear :- 1,50,000/cmm. Malarial Parasites are not seen. No Premature cells are seen.

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Erythrocyte Sedimentation Rate (ESR)      09                      mm/hr              0 - 12                      Photometric capillary stopped flow kinetic

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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Below 40 Female

**\*BLOOD GROUPING**

EDTA Blood

ABO Group

"A"

Tube Agglutination Method

Rh Type

Positive

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