



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mrs. PALASH MAYAVANSHI	<b>Lab No/ManualNo</b>	5397502/
<b>UHIDNo/IPNO</b>	300447967	<b>CollectionDate</b>	29/03/2024 8:56AM
<b>Age/Gender</b>	23 Years/Female	<b>Receiving Date</b>	29/03/2024 9:25AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	29/03/2024 12:49PM
<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	12.10	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.66	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age	23				
Weight	68				
Gender	0.85				
eGFR	<b>H 142.31</b>	mL/minute/1.73 m2	72 - 110		Serum
Uric Acid	3.7	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	89.4	mg/dL	< 100.0	Hexokinase	
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



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



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SGPT(ALT)	17.60	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	18.80	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	58.3	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.25	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.12	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.13	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.79	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.80	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.99	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.61	Ratio	0.90 - 2.80	Ratio

Serum

Blood Urea	17.0	mg/dL	16.6 - 48.5	Urease, Kinetic, GLDH
BUN*	7.9	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	<b>H 2.090</b>	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	10.430	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	<b>H 5.730</b>	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

Serum

Post prandial Glucose	107.4	mg/dL	< 140.0	Hexokinase	
Post prandial Urine Glucose	S.N.G.				
As per ADA Guideline					
Normal : Less than 100 mg/dL					
Prediabetes : 100 mg/dL to 125 mg/dL					
Diabetes : 126 mg/dL or Higher					

EDTA Blood

HbA1c (Glyco Hb)	5.10	%	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	104.0	mg/dL	80.0 - 140.0		

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\*\*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	232.90	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	82.30	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	40.40	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	182.80	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	16.46	mg/dL	< 30	Calculated	
LDL/HDL RATIO	<b>H 4.52</b>		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	<b>H 5.76</b>		< 4.50		



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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	29/03/2024 12:12PM
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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	5			Reflectance photometer	
Sp. Gravity	1.010		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

**Chemical Examination:**

U.Albumin	Nil			Reflectance photometer/Manual	
U.Gluocse	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 Below 40 Female

**\*CBC WITH ESR**

EDTA Blood

Haemoglobin	<b>L 9.2</b>	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	<b>L 32.3</b>	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	5.33	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	<b>L 60.6</b>	fl	83.0 - 101.0	Calculated	
MCH	<b>L 17.3</b>	pg	27.0 - 31.0	Calculated	
MCHC	<b>L 28.5</b>	g/dL	32.0 - 36.0	Calculated	
RDW-CV	<b>H 18.6</b>	%	11.5 - 14.0	Calculated	
Platelet count	276000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	----	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	4630.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	66	%	40 - 70		
Lymphocytes	24	%	22 - 45		
Eosinophils	02	%	1 - 4		
Monocytes	<b>H 08</b>	%	1 - 6		
Basophils	00	%	0 - 1		
Immature Granulocytes	00	%	0 - 2		

**Absolute Leucocyte Count**

Absolute Neutrophil Count*	3055.8	/cumm	1800 - 7700
Absolute Lymphocyte count*	1111.2	/cumm	1000 - 4800
Absolute Eosinophil Count (AEC)	92.6	/cumm	0.0 - 450.0
Absolute Monocyte Count*	370.4	/cumm	0 - 800

Peripheral Smear Study  
RBCs shows Anisocytosis(+),Microcytosis(++),Hypochromia(+).Platelets are adequate in number.  
Malarial Parasites are not seen.No Premature cells are seen.

Advise



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Hb electrophoresis

Erythrocyte Sedimentation Rate (ESR)    **H 30**                      mm/hr                      0 - 12                      Photometric capillary stopped flow kinetic

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**\*\*End Of Report\*\***



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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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