



JCI (USA)

OUR ACCREDITATIONS

**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mrs. VARSHA A BHAVSAR	<b>Lab No/ManualNo</b>	5397470/
<b>UHIDNo/IPNO</b>	300447952	<b>CollectionDate</b>	29/03/2024 8:26AM
<b>Age/Gender</b>	53 Years/Female	<b>Receiving Date</b>	29/03/2024 9:00AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	29/03/2024 12:41PM
<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	21.50	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.74	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age	53				
Weight	83				
Gender	0.85				
eGFR	<b>H 115.2</b>	mL/minute/1.73 m <sup>2</sup>	50 - 102		Serum
Uric Acid	5.4	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	<b>H 152.6</b>	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 Vitlani  
MBBS+MD Pathology  
Pathologist (Reg. No:- G-37173)



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SGPT(ALT)	18.20	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	
SGOT(AST)	17.50	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	138.3	U/L	35.0 - 140.0	PNP-Standardize	
Bilirubin Total	0.81	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct	<b>H 0.29</b>	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.52	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.33	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.27	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	3.06	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.40	Ratio	0.90 - 2.80	Ratio	
					EDTA Blood
HbA1c (Glyco Hb)	7.20	%	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	<b>H 180.0</b>	mg/dL	80.0 - 140.0		Serum
Blood Urea	21.4	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	
BUN*	10.0	mg/dL	6.0 - 20.0	Ureas with UV	Serum

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TOTAL T3*	1.610	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	9.220	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	2.780	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	<b>H 175.5</b>	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					

(\*) Not in NABL Scope

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

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



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**Biochemistry**

ArcoFemi Healthcare Ltd Above 40 Female

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

Serum

Sample Type	Fasting				
Cholesterol Total	152.90	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	105.40	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	44.40	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	94.00	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	21.08	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.12		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.44		< 4.50		

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	29/03/2024 11:15AM
<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	5			Reflectance photometer	
Sp. Gravity	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

**Chemical Examination:**

U.Albumin	Present(+)			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	2-3		/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	12.8	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	40.9	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	5.25	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	<b>L 77.9</b>	fl	83.0 - 101.0	Calculated	
MCH	<b>L 24.4</b>	pg	27.0 - 31.0	Calculated	
MCHC	<b>L 31.3</b>	g/dL	32.0 - 36.0	Calculated	
RDW-CV	<b>H 14.9</b>	%	11.5 - 14.0	Calculated	
Platelet count	390000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.9	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	9270.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	65	%	40 - 70		
Lymphocytes	28	%	22 - 45		
Eosinophils	02	%	1 - 4		
Monocytes	05	%	1 - 6		
Basophils	00	%	0 - 1		
Immature Granulocytes	00	%	0 - 2		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	6025.5	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2595.6	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	185.4	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	463.5	/cumm	0 - 800		
Peripheral Smear Study	RBCs shows Anisocytosis(+), Microcytosis(+).Platelets are adequate in number. Malarial Parasites are not seen.No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	<b>H 48</b>	mm/hr	0 - 19	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				

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