



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. MUKESH RAMESHBHAI BAGADA	<b>Lab No/ManualNo</b>	5397509/
<b>UHIDNo/IPNO</b>	300447974	<b>CollectionDate</b>	29/03/2024 9:01AM
<b>Age/Gender</b>	37 Years/Male	<b>Receiving Date</b>	29/03/2024 9:25AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	29/03/2024 4:33PM
<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 Male

					Serum
Gamma GT	34.20	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.84	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	
Age	37				
Weight	69				
Gender	1.00				
eGFR	117.51	mL/minute/1.73 m <sup>2</sup>	39 - 137		Serum
Uric Acid	3.8	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	<b>H 100.4</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 Vithlani  
MBBS+MD Pathology  
Pathologist (Reg. No:- G-37173)



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SGPT(ALT)	28.70	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate
SGOT(AST)	24.60	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	112.1	U/L	40.0 - 129.0	PNP-Standardize
Bilirubin Total	0.18	mg/dL	0.00 - 1.10	Diazo Method
Bilirubin Direct	0.09	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.09	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.14	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.25	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.89	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.47	Ratio	0.90 - 2.80	Ratio

Serum

Blood Urea	22.7	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	10.6	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.140	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	5.830	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	1.070	uIU/mL	0.270 - 4.200	ECLIA.

(\*) Not in NABL Scope

\*\*End Of Report\*\*



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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Male

Serum

Post prandial Glucose	109.7	mg/dL	< 140.0	Hexokinase	
Post prandial Urine Glucose	SNG				
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)	5.80	%	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	127.0	mg/dL	80.0 - 140.0		

(\* 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 Below 40 Male

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

Serum

Sample Type	Fasting				
Cholesterol Total	193.20	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	104.70	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	43.30	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	140.90	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	20.94	mg/dL	< 30	Calculated	
LDL/HDL RATIO	3.25		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	4.46		< 4.50		

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\*\*End Of Report\*\*

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MC - 3049



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<b>Age/Gender</b>	37 Years/Male	<b>Receiving Date</b>	29/03/2024 10:40AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	29/03/2024 12:24PM
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**Clinical Pathology**

ArcoFemi Healthcare Ltd Below 40 Male

**\*URINE ROUTINE EXAMINATION**

Urine

**Physical Examination:**

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Slightly turbid			Visual method	
Reaction	5			Reflectance photometer	
Sp. Gravity	1.015		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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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	29/03/2024 11:04AM
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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Male

**\*CBC WITH ESR**

EDTA Blood

Haemoglobin	<b>L 13.3</b>	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	43.7	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	<b>H 6.22</b>	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	<b>L 70.3</b>	fl	83.0 - 101.0	Calculated	
MCH	<b>L 21.4</b>	pg	27.0 - 31.0	Calculated	
MCHC	<b>L 30.4</b>	g/dL	32.0 - 36.0	Calculated	
RDW-CV	<b>H 16.1</b>	%	11.5 - 14.0	Calculated	
Platelet count	360000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.4	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	9810.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	60	%	40 - 70		
Lymphocytes	31	%	22 - 45		
Eosinophils	03	%	1 - 4		
Monocytes	06	%	1 - 6		
Basophils	00	%	0 - 1		
Immature Granulocytes	00	%	0 - 2		

**Absolute Leucocyte Count**

Absolute Neutrophil Count*	5886	/cumm	1800 - 7700
Absolute Lymphocyte count*	3041.1	/cumm	1000 - 4800
Absolute Eosinophil Count (AEC)	294.3	/cumm	0.0 - 450.0
Absolute Monocyte Count*	588.6	/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.

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Erythrocyte Sedimentation Rate (ESR)    **H 30**                      mm/hr                      0 - 10                      Photometric capillary  
stopped flow kinetic

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**Immuno-Haematology**

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**\*BLOOD GROUPING**

EDTA Blood

ABO Group	"B"			Tube Agglutination Method	
Rh Type	Positive				

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