



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. ANAND PRAKASH	<b>Lab No/ManualNo</b>	5329688/
<b>UHIDNo/IPNO</b>	300266346	<b>CollectionDate</b>	13/01/2024 9:19AM
<b>Age/Gender</b>	46 Years/Male	<b>Receiving Date</b>	13/01/2024 12:37PM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	13/01/2024 2:06PM
<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 Male

Gamma GT	<b>H 89.50</b>	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.94	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	46				
Weight	79				
Gender	1				
eGFR	109.72	mL/minute/1.73 m2	76 - 120		
Uric Acid	5.8	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	<b>H 106.1</b>	mg/dL	< 100.0	Hexokinase	Serum
<p><b>As per ADA Guideline</b>  <b>For Fasting Plasma Glucose</b>                      Normal : Less than 100 mg/dL                      Prediabetes : 100 mg/dL to 125 mg/dL                      Diabetes : 126 mg/dL or Higher  <b>For 2 hrs Plasma Glucose after 75 Gms Glucose load</b>                      Normal : Less than 140 mg/dL                      Prediabetes : 140 to 199 mg/dL                      Diabetes : 200 mg/dL or higher  <b>For Random Plasma Glucose</b>                      Diabetes is diagnosed at blood glucose greater than or equal to 200 mg/dL</p>					
Post prandial Glucose	111.0	mg/dL	< 140.0	Hexokinase	Serum

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



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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

**LIVER FUNCTION TEST (LFT) SERUM**

Test Name	Value	Unit	Reference Range	Method	Specimen
SGPT(ALT)	11.10	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	22.70	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	Serum
Alkaline Phosphatase	43.9	U/L	40.0 - 129.0	PNP-Standardize	Serum
Bilirubin Total	0.31	mg/dL	0.00 - 1.10	Diazo Method	Serum
Bilirubin Direct	0.16	mg/dL	0.00 - 0.20	Diazo Method	Serum
Bilirubin Indirect	0.15	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	Serum
Protein Total	6.89	g/dL	6.40 - 8.20	Biuret Method	Serum
Albumin	4.59	g/dL	3.97 - 4.95	BCG Endpoint	Serum
Globulin	2.30	g/dL	2.20 - 3.50	Calculated	Serum
A/G Ratio	2.00	Ratio	0.90 - 2.80	Ratio	Serum

Test Name	Value	Unit	Reference Range	Method	Specimen
HbA1c (Glyco Hb)	5.58	%	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	EDTA Blood

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Mean Plasma Glucose	121.5	mg/dL	80.0 - 140.0		
Prostate Specific Antigen	0.549	ng/mL	0.000 - 4.000	ECLIA	Serum
Blood Urea	24.8	mg/dL	16.6 - 48.5	Urease, Kinetic, GLDH	Serum
BUN*	11.6	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.480	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	7.630	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	3.660	uIU/mL	0.270 - 4.200	ECLIA.	

(\*) Not in NABL Scope

\*\*End Of Report\*\*



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**Biochemistry**

ArcoFemi Healthcare Ltd Above 40 Male

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	94.20	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	76.30	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	42.80	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	41.30	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	15.26	mg/dL	< 30	Calculated	
LDL/HDL RATIO	0.96		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	2.20		< 4.50		

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<b>Age/Gender</b>	46 Years/Male	<b>Receiving Date</b>	13/01/2024 10:29AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	13/01/2024 12:13PM
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**Clinical Pathology**

ArcoFemi Healthcare Ltd Above 40 Male

Stool, Urine

**STOOL ROUTINE**

**Physical Examination:**

Colour	Brownish		
Consistency	Semi Solid		
Mucus	Absent	Absent	

**Chemical Examination:**

Stool Occult Blood	Negative	Negative	Non-Benzidine Test /Manual/Strip
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**Microscopic Examination**

Pus Cells	Nil	0-5	Microscopy
Red Blood Cell	Nil	/H.P.F.	
Epithelial cell	Nil	/H.P.F.	
Fat Globules	Absent	Absent	
Trophozoites	Absent	Absent	
ova	Absent	Absent	
Cysts	Absent	Absent	
Bacteria	Absent		

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<b>Age/Gender</b>	46 Years/Male	<b>Receiving Date</b>	13/01/2024 10:28AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	13/01/2024 12:13PM
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**Clinical Pathology**

ArcoFemi Healthcare Ltd Above 40 Male

Urine

**URINE ROUTINE EXAMINATION**

**Physical Examination:**

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Slightly turbid			Visual method	
Reaction	5			Reflectance photometer	
Sp. Gravity	1.020		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**

				Microscopy	
Pus Cell	8-10		/H.P.F.		
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>	13/01/2024 12:04PM
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Haematology					
ArcoFemi Healthcare Ltd Above 40 Male					
CBC WITH ESR <span style="float: right;">EDTA Blood</span>					
Haemoglobin	<b>L 13.4</b>	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	<b>L 41.3</b>	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	<b>L 4.62</b>	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	89.4	fl	83.0 - 101.0	Calculated	
MCH	29.0	pg	27.0 - 31.0	Calculated	
MCHC	32.4	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.6	%	11.5 - 14.0	Calculated	
Platelet count	333000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	10.8	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	9780.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	62	%	40.0 - 70.0		
Lymphocytes	27	%	22 - 45		
Eosinophils	<b>H 06</b>	%	1.0 - 4.0		
Monocytes	05	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	6063.6	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2640.6	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	<b>H 586.8</b>	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	489	/cumm	0 - 800		
Peripheral Smear Study	RBCs are Normochromic & Normocytic. Platelets are adequate in number. Malarial Parasites are not seen. No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	04	mm/hr	0 - 10	Photometric capillary stopped flow kinetic	



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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Above 40 Male

**BLOOD GROUPING**

EDTA Blood

ABO Group	"B"			Tube Agglutination Method	
Rh Type	Positive				

\*\*End Of Report\*\*

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