



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. ASHOKSINH PHULSINH RANA	<b>Lab No/ManualNo</b>	5285712/
<b>UHIDNo/IPNO</b>	300150430	<b>CollectionDate</b>	24/11/2023 8:49AM
<b>Age/Gender</b>	62 Years/Male	<b>Receiving Date</b>	24/11/2023 9:05AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	24/11/2023 1:04PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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**Biochemistry**

ArcoFemi Healthcare Ltd Above 40 Male

Gamma GT	18.90	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.85	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	62				
Weight	71.8				
Gender	1.00				
eGFR	91.51	mL/minute/1.73 m <sup>2</sup>	56 - 98		
Uric Acid	4.0	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	<b>H 101.5</b>	mg/dL	< 100.0	Hexokinase	Serum

**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**

Serum



Dr. Shreya Dineshbhai Patel

Reg.No.:-G-26728

Consultant Pathologist



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SGPT(ALT)	15.40	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	
SGOT(AST)	21.80	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	88.5	U/L	40.0 - 129.0	PNP-Standardize	
Bilirubin Total	0.77	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	<b>H 0.27</b>	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.50	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.49	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.82	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.67	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.81	Ratio	0.90 - 2.80	Ratio	
HbA1c (Glyco Hb)	6.42	%	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
Mean Plasma Glucose	<b>H 151.2</b>	mg/dL	80.0 - 140.0		
Prostate Specific Antigen	0.907	ng/mL	0.000 - 4.000	ECLIA	Serum
Blood Urea	20.7	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	9.7	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.260	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	7.420	ug/dL	5.130 - 14.060	ECLIA.	



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JCI (USA)



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THYROID STIMULATING HORMONE    **H 4.370**                      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

Serum

Post prandial Glucose	<b>H 156.7</b>	mg/dL	< 140.0	Hexokinase	
Post prandial Urine Glucose	SNG				

**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

\*\*End Of Report\*\*

Dr. Kazumi Gondalia

M.D (Path)

Reg.No.: G-21729



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<b>Biochemistry</b>					
ArcoFemi Healthcare Ltd Above 40 Male					
<b>LIPID PROFILE (WITH DIRECT LDL)</b>					Serum
Sample Type	Fasting				
Cholesterol Total	203.20	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	121.90	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	48.00	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	144.40	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	24.38	mg/dL	< 30	Calculated	
LDL/HDL RATIO	3.01		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	4.23		< 4.50		



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		<b>Sample Quality</b>	

\*\*End Of Report\*\*



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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	24/11/2023 10:59AM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	Normal

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**Clinical Pathology**

ArcoFemi Healthcare Ltd Above 40 Male

**URINE ROUTINE EXAMINATION**

Urine

**Physical Examination:**

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Clear			Visual method	
Reaction	6			Reflectance photometer	
Sp. Gravity	1.005		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>Immuno-Haematology</b>				
	ArcoFemi Healthcare Ltd Above 40 Male				
<b>BLOOD GROUPING</b>					EDTA Blood
ABO Group	"O"			Tube Agglutination Method	
Rh Type	Positive				

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**Haematology**

ArcoFemi Healthcare Ltd Above 40 Male

EDTA Blood

**CBC WITH ESR**

Haemoglobin	14.6	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	44.8	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	4.89	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	91.6	fl	83.0 - 101.0	Calculated	
MCH	29.9	pg	27.0 - 31.0	Calculated	
MCHC	32.6	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.1	%	11.5 - 14.0	Calculated	
Platelet count	264000	/cumm	150000 - 410000	H.focusing impedance	
Total Leucocyte Count (TLC)	<b>H 12080.00</b>	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	<b>H 77</b>	%	40.0 - 70.0		
Lymphocytes	<b>L 15</b>	%	22 - 45		
Eosinophils	03	%	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*	<b>H 9301.6</b>	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1812	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	362.4	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	604	/cumm	0 - 800		
Peripheral Smear Study	RBCs are Normochromic & Normocytic.WBCs Shows Neutrophilic Leucocytosis. Platelets are adequate in number.Malarial Parasites are not seen.No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	11	mm/hr	0 - 14	Photometric capillary stopped flow kinetic	

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