



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. ANIL KUMAR LOR	<b>Lab No/ManualNo</b>	5298370/
<b>UHIDNo/IPNO</b>	300433876	<b>CollectionDate</b>	09/12/2023 2:44PM
<b>Age/Gender</b>	31 Years/Male	<b>Receiving Date</b>	09/12/2023 2:56PM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	09/12/2023 3:52PM
<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 Below 40 Male					
Gamma GT	58.40	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	<b>L 0.68</b>	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	31				
Weight	52				
Gender	1				
eGFR	115.77	mL/minute/1.73 m2	39 - 137		
Uric Acid	4.8	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Random Glucose	103.1	mg/dL	< 140.0	Hexokinase	Serum
<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					

**LIVER FUNCTION TEST (LFT) SERUM** Serum

Dr. Jitendra Narendrabhai Nayak  
Reg.No:G-14786  
Consultant Pathologist



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SGPT(ALT)	36.80	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	
SGOT(AST)	30.00	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	123.2	U/L	40.0 - 129.0	PNP-Standardize	
Bilirubin Total	0.46	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	0.18	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.28	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	8.04	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.54	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	3.50	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.30	Ratio	0.90 - 2.80	Ratio	
HbA1c (Glyco Hb)	4.69	%	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	89.8	mg/dL	80.0 - 140.0		
Blood Urea	<b>L 8.4</b>	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	<b>L 3.9</b>	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.430	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	5.130	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	1.090	uIU/mL	0.270 - 4.200	ECLIA.	

(\*) Not in NABL Scope

\*\*End Of Report\*\*

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Biochemistry					
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<u>LIPID PROFILE (WITH DIRECT LDL)</u>					Serum
Sample Type	Random				
Cholesterol Total	216.20	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	356.50	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	44.30	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	132.30	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	<b>H 71.3</b>	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.99		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	<b>H 4.88</b>		< 4.50		

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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	8.0		4.5 - 8.0	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	Absent				
BS/BP	Absent				

**Microscopic Examination**

				Microscopy	
Pus Cell	2-4		/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				

\*\*End Of Report\*\*

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