



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mr. SANJAYKUMAR N MODI	RIS No/ManualNo	5227293/
UHIDNo/IPNO	300368591	CollectionDate	09/09/2023 9:01AM
Age/Gender	43 Years/Male	Receiving Date	09/09/2023 9:33AM
Bed No/Ward	OPD	Report Date	09/09/2023 1:47PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final

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

ArcoFemi Healthcare Ltd Above 40 Male

Gamma GT	27.60	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.91	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	43				
Weight	80.4				
Gender	1.00				
eGFR	119.03	mL/minute/1.73 m2	76 - 120		
Uric Acid	6.9	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 118.8	mg/dL	70.0 - 100.0	Hexokinase	Serum
<u>LIVER FUNCTION TEST (LFT) SERUM</u>					
SGPT(ALT)	25.10	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	24.10	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	108.9	U/L	40.0 - 129.0	PNP-Standardize	
Bilirubin Total	H 1.58	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	H 0.43	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	H 1.15	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	H 8.55	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.84	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	H 3.71	g/dL	2.20 - 3.50	Calculated	

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



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A/G Ratio	1.30	Ratio	0.90 - 2.80	Ratio	
Prostate Specific Antigen	0.692	ng/mL	0.000 - 4.000	ECLIA	Serum
Blood Urea	22.1	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	10.3	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.240	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	8.020	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	0.913	uIU/mL	0.270 - 4.200	ECLIA.	

(*) Not in NABL Scope

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Biochemistry

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Post prandial Glucose	H 244.4	mg/dL	70.0 - 140.0	Hexokinase	Serum
Post prandial Urine Glucose	SNG				
HbA1c (Glyco Hb)	6.72	%	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	H 161.7	mg/dL	80.0 - 140.0		

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Biochemistry

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LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	155.00	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	131.10	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	Enzymatic colorimetric	
Cholesterol HDL	28.10	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	105.70	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	
Cholesterol VLDL	26.22	mg/dL	< 30		
LDL/HDL RATIO	H 3.76		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	H 5.52		< 4.50		

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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	6.0		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.Glucose	Nil				
U.Acetone	Absent				
BS/BP	Absent				

Microscopic Examination

Pus Cell	Occsional		/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				

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Haematology

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CBC WITH ESR

EDTA Blood

Haemoglobin	13.6	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	L 41.8	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.04	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	L 82.9	fl	83.0 - 101.0	Calculated	
MCH	27.0	pg	27.0 - 31.0	Calculated	
MCHC	32.5	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.1	%	11.5 - 14.0	Calculated	
Platelet count	256000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	10	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5320.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	54	%	40.0 - 70.0		
Lymphocytes	38	%	22 - 45		
Eosinophils	04	%	1.0 - 4.0		
Monocytes	04	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	2872.8	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2021.6	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	212.8	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	212.8	/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)	H 27	mm/hr	0 - 10	Modified westergren Method	

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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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