



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mr. NISHIKANT SINHA	Lab No/ManualNo	5111448/
UHIDNo/IPNO	300406176	CollectionDate	14/04/2023 7:55AM
Age/Gender	40 Years/Male	Receiving Date	14/04/2023 8:14AM
Bed No/Ward	OPD	Report Date	14/04/2023 12:59PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry					
ArcoFemi Healthcare Ltd Above 40 Male					
Gamma GT*	19.80	U/L	10.00 - 71.00	Enzymatic method	Serum
Blood Urea	24.7	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	11.54	mg/dL	6 - 20	Ureas with UV	

(*) Not in NABL Scope

End Of Report



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



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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Male

					Serum
Creatinine	0.88	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	
Age	40.0				
Weight	81.4				
Gender	1.00				
eGFR	H 128.47	mL/minute/1.73 m2	76 - 120		
					Serum
Uric Acid	5.6	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	
					Serum
Fasting Glucose	H 102.0	mg/dL	70 - 100	Hexokinase	
					Serum
<u>LIVER FUNCTION TEST (LFT) SERUM</u>					
SGPT(ALT)	32.40	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	
SGOT(AST)	24.40	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	63.3	U/L	40 - 129	PNP-Standardize	
Bilirubin Total	0.39	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	0.13	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.26	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.98	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.62	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	3.36	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.38	Ratio	0.90 - 2.80	Ratio	

End Of Report



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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Male

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Post prandial Glucose	87.3	mg/dL	70 - 140	Hexokinase	Serum
Post prandial Urine Glucose	SNG				
HbA1c (Glyco Hb)	6.03	%	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	137.4	mg/dL	80 - 140		

End Of Report

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



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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Male

LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	206.80	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	135.10	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	31.80	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	153.30	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	
Cholesterol VLDL	27.02	mg/dL	< 30		
LDL/HDL RATIO	H 4.82		< 4	Calculated	
Cholesterol Total / HDL Ratio	H 6.5		< 5	Calculated	

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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	5.0		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	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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Haematology

ArcoFemi Healthcare Ltd Above 40 Male

CBC WITH ESR

Citrate Whole Blood, EDTA Blood

Haemoglobin	L 10.8	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	L 36.3	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	L 4.40	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	L 82.5	fl	83.0 - 101.0	Calculated	
MCH	L 24.5	pg	27.0 - 31.0	Calculated	
MCHC	L 29.8	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H 16.9	%	11.5 - 14.0	Calculated	
Platelet count	175000	/cumm	150000 - 450000	H.focusing impedance	
Total Leucocyte Count (TLC)	6210	/cumm	4000 - 10500	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	47	%	40.0 - 70.0		
Lymphocytes	43	%	22 - 45		
Eosinophils	03	%	1.0 - 4.0		
Monocytes	H 07	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	2918.7	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2670.3	/cumm	1000 - 4800		
Absolute Eosinophil Count*	186.3	/cumm	40 - 450		
Absolute Monocyte Count*	434.7	/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)	19	mm/hr	0 - 30	Modified westergren Method	

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Biochemistry/Immunology

ArcoFemi Healthcare Ltd Above 40 Male

Serum

TOTAL T3*	1.050	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	5.580	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	H 5.440	uIU/mL	0.270 - 4.200	ECLIA.	

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Biochemistry/Immunology

ArcoFemi Healthcare Ltd Above 40 Male

Prostate Specific Antigen	1.880	ng/mL	0.000 - 4.000	ECLIA	Serum
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Immuno-Haematology

ArcoFemi Healthcare Ltd Above 40 Male

EDTA Blood

BLOOD GROUPING

ABO Group	"A"	Tube Agglutination Method
Rh Type	Positive	

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