



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mr. HITESH DAVE	Lab No/ManualNo	5096137/
UHIDNo/IPNO	300403942	CollectionDate	28/03/2023 1:06PM
Age/Gender	33 Years/Male	Receiving Date	28/03/2023 2:48PM
Bed No/Ward	OPD	Report Date	28/03/2023 6:06PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	Normal

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

ArcoFemi Healthcare Ltd Below 40 Male

Gamma GT*	25.60	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.82	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Uric Acid	6.7	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
LIVER FUNCTION TEST (LFT) SERUM					Serum
SGPT(ALT)	H 52.40	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	
SGOT(AST)	31.30	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	98.4	U/L	40 - 129	PNP-Standardize	
Bilirubin Total	0.79	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	H 0.25	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.54	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.77	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.90	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.87	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.71	Ratio	0.90 - 2.80	Ratio	
Blood Urea	23.6	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	11.03	mg/dL	6 - 20	Ureas with UV	

(*) Not in NABL Scope

End Of Report

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



JCI (USA)



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Biochemistry

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Fasting Glucose	H 105.4	mg/dL	70 - 100	Hexokinase	Serum
Post prandial Glucose	86.5	mg/dL	70 - 140	Hexokinase	Serum
Post prandial Urine Glucose	nil				
HbA1c (Glyco Hb)	5.40	%	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	114.8	mg/dL	80 - 140		

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



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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Male

LIPID PROFILE (WITH DIRECT LDL)

Serum

Test Name	Result	Unit	Bio. Ref. Range	Method
Sample Type	Fasting			
Cholesterol Total	218.90	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	166.50	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	Enzymatic colorimetric
Cholesterol HDL	46.00	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic
LDL Cholesterol (Direct)	153.90	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	H 33.3	mg/dL	< 30	
LDL/HDL RATIO	3.35		< 4	Calculated
Cholesterol Total / HDL Ratio	H 4.76		< 5	Calculated

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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	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				

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Haematology

ArcoFemi Healthcare Ltd Below 40 Male

CBC WITH ESR

Citrate Whole Blood, EDTA Blood

Haemoglobin	15.2	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	47.7	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.77	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	L 82.7	fl	83.0 - 101.0	Calculated	
MCH	L 26.3	pg	27.0 - 31.0	Calculated	
MCHC	L 31.9	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H 14.4	%	11.5 - 14.0	Calculated	
Platelet count	324000	/cumm	150000 - 450000	H.focusing impedance	
Total Leucocyte Count (TLC)	6160	/cumm	4000 - 10500	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	48	%	40.0 - 70.0		
Lymphocytes	42	%	22 - 45		
Eosinophils	H 05	%	1.0 - 4.0		
Monocytes	05	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	2956.8	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2587.2	/cumm	1000 - 4800		
Absolute Eosinophil Count*	308	/cumm	40 - 450		
Absolute Monocyte Count*	308	/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)	07	mm/hr	0 - 10	Modified westergren Method	

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Biochemistry/Immunology

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Serum

TOTAL T3*	1.100	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	7.750	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.860	uIU/mL	0.270 - 4.200	ECLIA.	

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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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