



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mr. HARDIKKUMAR PATEL	Lab No/ManualNo	5096083/
UHIDNo/IPNO	300403904	CollectionDate	28/03/2023 12:23PM
Age/Gender	29 Years/Male	Receiving Date	28/03/2023 12:24PM
Bed No/Ward	OPD	Report Date	28/03/2023 7:09PM
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*	21.10	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.96	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Uric Acid	6.9	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 144.9	mg/dL	70 - 100	Hexokinase	Serum
Post prandial Glucose	H 183.1	mg/dL	70 - 140	Hexokinase	Serum
Post prandial Urine Glucose	prasant(+++)				

LIVER FUNCTION TEST (LFT) SERUM

SGPT(ALT)	H 45.40	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	28.00	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	50.9	U/L	40 - 129	PNP-Standardize	
Bilirubin Total	0.31	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	0.13	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.18	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.79	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.88	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.91	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.68	Ratio	0.90 - 2.80	Ratio	

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



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HbA1c (Glyco Hb)	7.31	%	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 182.9	mg/dL	80 - 140		
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

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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	196.40	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	119.10	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	53.00	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic
LDL Cholesterol (Direct)	140.30	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	23.82	mg/dL	< 30	
LDL/HDL RATIO	2.65		< 4	Calculated
Cholesterol Total / HDL Ratio	3.71		< 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	1.015		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	1-2		/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	15.4	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	44.8	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	4.95	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	90.5	fl	83.0 - 101.0	Calculated	
MCH	H 31.1	pg	27.0 - 31.0	Calculated	
MCHC	34.4	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.7	%	11.5 - 14.0	Calculated	
Platelet count	H 477000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	8.4	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6760	/cumm	4000 - 10500	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	54	%	40.0 - 70.0		
Lymphocytes	39	%	22 - 45		
Eosinophils	01	%	1.0 - 4.0		
Monocytes	06	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	3650.4	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2636.4	/cumm	1000 - 4800		
Absolute Eosinophil Count*	67.6	/cumm	40 - 450		
Absolute Monocyte Count*	405.6	/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 12	mm/hr	0 - 10	Modified westergren Method	

End Of Report

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



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Microbiology

ArcoFemi Healthcare Ltd Below 40 Male

Stool, URINE

STOOL ROUTINE

Physical Examination:

Colour	Brownish	
Consistency.	Semi Solid	
Mucus	Absent	Absent
Blood	Absent	Absent

Chemical Examination:

Stool Occult Blood	Negative	Negative	Non-Benzidine Test /Manual/Strip
Reducing Substances	Negative		Benedicts Method

Microscopic Examination

Pus Cells	Nil	0-5	Microscopy
Red Blood Cell	Nil	/H.P.F.	
Epithelial cell	Nil	/H.P.F.	
Fat Globules	Absent	Absent	
Trophozoites	Absent	Absent	
ova	Absent	Absent	
Cysts	Absent	Absent	
Bacteria	Absent		

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Biochemistry/Immunology

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Serum

TOTAL T3*	1.180	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	7.290	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	1.610	uIU/mL	0.270 - 4.200	ECLIA.

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Immuno-Haematology

ArcoFemi Healthcare Ltd Below 40 Male

BLOOD GROUPING

EDTA Blood

ABO Group

"A"

Tube Agglutination Method

Rh Type

Positive

End Of Report

Dr. Jitendra Narendrabhai Nayak

Reg.No:G-14786

Consultant Pathologist