



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mr. MITUL PANCHAL	Lab No/ManualNo	5112477/
UHIDNo/IPNO	300406337	CollectionDate	15/04/2023 8:44AM
Age/Gender	33 Years/Male	Receiving Date	15/04/2023 9:13AM
Bed No/Ward	OPD	Report Date	15/04/2023 1:53PM
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 Below 40 Male					
Gamma GT*	H 104.90	U/L	10.00 - 71.00	Enzymatic method	Serum
Blood Urea	35.1	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	16.40	mg/dL	6 - 20	Ureas with UV	

(*) Not in NABL Scope

End Of Report



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



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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Male

					Serum
Creatinine	0.81	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	
Age	33				
Weight	72				
Gender	1				
eGFR	132.1	mL/minute/1.73 m2	39 - 137		
					Serum
Uric Acid	6.0	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	
					Serum
Fasting Glucose	H 101.5	mg/dL	70 - 100	Hexokinase	
					Serum
Post prandial Glucose	89.2	mg/dL	70 - 140	Hexokinase	
Post prandial Urine Glucose	nil				
					Serum
LIVER FUNCTION TEST (LFT) SERUM					Serum
SGPT(ALT)	H 63.40	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	
SGOT(AST)	29.20	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	91.9	U/L	40 - 129	PNP-Standardize	
Bilirubin Total	0.44	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	0.14	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.30	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.53	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.82	g/dL	3.97 - 4.95	BCG Endpoint	



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Globulin	2.71	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.78	Ratio	0.90 - 2.80	Ratio
HbA1c (Glyco Hb)	5.14	%	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	105.8	mg/dL	80 - 140	

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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
Sample Type	Random				
Cholesterol Total	170.20	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	174.00	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	36.70	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	115.40	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 34.8	mg/dL	< 30		
LDL/HDL RATIO	3.14		< 4	Calculated	
Cholesterol Total / HDL Ratio	H 4.64		< 5	Calculated	

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Bed No/Ward	OPD	Report Date	15/04/2023 11:11AM
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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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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	1.030		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Present(+)				
U.Glucose	Nil				
U.Acetone	Absent				
BS/BP	Absent				

Microscopic Examination

Pus Cell	Occasional		/H.P.F.	Microscopy	
Red Blood Cell	50-60		/H.P.F.		
Epithelial cell	1-2		/H.P.F.		
Cast	Absent				
Crystals	Absent				
Amorphous	Absent				
Monilia	Absent				
Other:	Absent				

End Of Report



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



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Bed No/Ward	OPD	Report Date	15/04/2023 12:38PM
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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Haematology

ArcoFemi Healthcare Ltd Below 40 Male

Citrate Whole Blood, EDTA Blood

CBC WITH ESR

Haemoglobin	14.8	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	43.7	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	4.97	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	87.9	fl	83.0 - 101.0	Calculated	
MCH	29.8	pg	27.0 - 31.0	Calculated	
MCHC	33.9	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.6	%	11.5 - 14.0	Calculated	
Platelet count	337000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.6	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	7060	/cumm	4000 - 10500	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	51	%	40.0 - 70.0		
Lymphocytes	41	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	06	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	3600.6	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2894.6	/cumm	1000 - 4800		
Absolute Eosinophil Count*	141.2	/cumm	40 - 450		
Absolute Monocyte Count*	423.6	/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)	10	mm/hr	0 - 10	Modified westergren Method	



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Biochemistry/Immunology

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Serum

TOTAL T3*	1.170	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	6.950	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	3.630	uIU/mL	0.270 - 4.200	ECLIA.	

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Immuno-Haematology

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BLOOD GROUPING

EDTA Blood

ABO Group

"O"

Tube Agglutination Method

Rh Type

Positive

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