



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mr. MILANSINH S MAKWANA	RIS No/ManualNo	5189848/
UHIDNo/IPNO	300256218	CollectionDate	22/07/2023 9:12AM
Age/Gender	32 Years/Male	Receiving Date	22/07/2023 9:55AM
Bed No/Ward	OPD	Report Date	22/07/2023 1:38PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
Order Date	22/07/2023 9:05AM	Sample Quality	

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

ArcoFemi Healthcare Ltd Below 40 Male

Gamma GT	38.30	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.72	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	32				
Weight	71				
Gender	1				
eGFR	H 147.92	mL/minute/1.73 m ²	39 - 137		
Uric Acid	5.5	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	98.2	mg/dL	70 - 100	Hexokinase	Serum
<u>LIVER FUNCTION TEST (LFT) SERUM</u>					
SGPT(ALT)	30.60	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	23.90	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	50.8	U/L	40 - 129	PNP-Standardize	
Bilirubin Total	0.23	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	0.11	mg/dL	0.00 - 0.20	Diazo Method	

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Reg.No:G-14786
Consultant Pathologist



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Bilirubin Indirect	0.12	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.60	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.89	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.71	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.80	Ratio	0.90 - 2.80	Ratio	
HbA1c (Glyco Hb)	6.06	%	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	138.5	mg/dL	80 - 140		
Blood Urea	24.6	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	11.50	mg/dL	6 - 20	Ureas with UV	
TOTAL T3*	1.290	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	8.010	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	3.740	uIU/mL	0.270 - 4.200	ECLIA.	

(*) Not in NABL Scope

End Of Report

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Biochemistry					
ArcoFemi Healthcare Ltd Below 40 Male					
Post prandial Glucose	H 145.8	mg/dL	70 - 140	Hexokinase	Serum

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



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Biochemistry

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LIPID PROFILE (WITH DIRECT LDL)

Serum

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Sample Type	Fasting				
Cholesterol Total	188.30	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	117.80	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	39.30	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	136.20	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	23.56	mg/dL	< 30		
LDL/HDL RATIO	3.47		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	H 4.79		< 4.50		

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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:	Clear			Visual method	
Reaction	5.0		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.025		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 Below 40 Male

Citrate Whole Blood, EDTA Blood

CBC WITH ESR

Haemoglobin	13.8	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	L 41.7	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.27	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	L 79.1	fl	83.0 - 101.0	Calculated	
MCH	L 26.2	pg	27.0 - 31.0	Calculated	
MCHC	33.1	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.0	%	11.5 - 14.0	Calculated	
Platelet count	287000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	8.1	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6890	/cumm	4000 - 10500	Flow Cytometry	

Differential Leucocyte Count

Flowcytometry/Microscopic

Neutrophils	50	%	40.0 - 70.0		
Lymphocytes	39	%	22 - 45		
Eosinophils	H 05	%	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*	3445	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2687.1	/cumm	1000 - 4800		
Absolute Eosinophil Count*	344.5	/cumm	40 - 450		
Absolute Monocyte Count*	413.4	/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.



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Erythrocyte Sedimentation Rate (ESR) 10 mm/hr 0 - 30 Modified westergren Method

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Immuno-Haematology
ArcoFemi Healthcare Ltd Below 40 Male

BLOOD GROUPING

ABO Group	"B"	EDTA Blood	Tube Agglutination Method
Rh Type	Positive		

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