



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mr. UMESHKUMAR P SENGAL	Lab No/ManualNo	5080710/
UHIDNo/IPNO	300401719	CollectionDate	11/03/2023 8:42AM
Age/Gender	31 Years/Male	Receiving Date	11/03/2023 9:19AM
Bed No/Ward	OPD	Report Date	11/03/2023 12:25PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final

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

ArcoFemi Healthcare Ltd Below 40 Male

Gamma GT*	45.70	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.80	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	31				
Weight	76				
Gender	1				
eGFR	H 143.82	mL/minute/1.73 m2	39 - 137		
Uric Acid	H 7.5	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	99.4	mg/dL	70 - 100	Hexokinase	Serum
LIVER FUNCTION TEST (LFT) SERUM					Serum
SGPT(ALT)	31.00	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	
SGOT(AST)	22.00	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	117.5	U/L	40 - 129	PNP-Standardize	
Bilirubin Total	0.31	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	0.16	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.15	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.56	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.84	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.72	g/dL	2.20 - 3.50	Calculated	



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A/G Ratio	1.78	Ratio	0.90 - 2.80	Ratio	
HbA1c (Glyco Hb)	5.43	%	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	116.1	mg/dL	80 - 140		
BUN*	6.1	mg/dL	6 - 20	Ureas with UV	Serum

(*) Not in NABL Scope

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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	125.50	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	115.40	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	27.00	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	90.50	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	23.08	mg/dL	< 30		
LDL/HDL RATIO	3.35		< 4	Calculated	
Cholesterol Total / HDL Ratio	H 4.65		< 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:	Clear			Visual method	
Reaction	5			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	Nil				
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	15.3	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	45.7	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.53	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	L 82.6	fl	83.0 - 101.0	Calculated	
MCH	27.7	pg	27.0 - 31.0	Calculated	
MCHC	33.5	g/dL	32.0 - 36.0	Calculated	
RDW-CV	11.9	%	11.5 - 14.0	Calculated	
Platelet count	213000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	11.0	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5750	/cumm	4000 - 10500	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	54	%	40.0 - 70.0		
Lymphocytes	36	%	22 - 45		
Eosinophils	04	%	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*	3105	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2070	/cumm	1000 - 4800		
Absolute Eosinophil Count*	230	/cumm	40 - 450		
Absolute Monocyte Count*	345	/cumm	0 - 800		
Erythrocyte Sedimentation Rate (ESR)	04	mm/hr	0 - 10	Modified westergren Method	

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Biochemistry/Immunology					
ArcoFemi Healthcare Ltd Below 40 Male					
					Serum
TOTAL T3*	1.250	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	7.630	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.350	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

Negative

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