



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mr. PRUNJAL MUKESHKUMAR SHAH	Lab No/ManualNo	5017887/
UHIDNo/IPNO	300392653	CollectionDate	24/12/2022 10:09AM
Age/Gender	34 Years/Male	Receiving Date	24/12/2022 10:12AM
Bed No/Ward	OPD	Report Date	24/12/2022 4:37PM
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

Creatinine	0.94	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Uric Acid	4.9	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	96.9	mg/dL	70 - 100	Hexokinase	Serum
Post prandial Glucose	92.4	mg/dL	70 - 140	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G.				
LIVER FUNCTION TEST (LFT) SERUM					Serum
SGPT(ALT)	20.2	U/L	0 - 41	IFCC without pyridoxal phosphate	
SGOT(AST)	18.30	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	109.4	U/L	40 - 129	PNP-Standardize	
Bilirubin Total	0.5	mg/dL	0.0 - 1.1	Diazo Method	
Bilirubin Direct	0.2	mg/dL	0.0 - 0.2	Diazo Method	
Bilirubin Indirect	0.30	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	H 8.5	g/dL	6.4 - 8.2	Biuret Method	
Albumin	4.95	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	H 3.6	g/dL	2.2 - 3.5		
HbA1c (Glyco Hb)	5.46	%	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	116.9	mg/dL	80 - 140		



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M.D (Path)



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Blood Urea	18.0	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	8.41	mg/dL	6 - 20	Ureas with UV	
(*) Not in NABL Scope		**End Of Report**			



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Biochemistry

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LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	201.3	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	205.6	mg/dL	Less than 150 mg/dL 150-199 mg/dL Borderline High 200-499 mg/dL High 500 mg/dL or greater very High	Enzymatic colorimetric	
Cholesterol HDL	30.3	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	150.3	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 41.12	mg/dL	< 30		
LDL/HDL RATIO	H 4.96		< 4	Calculated	
Cholesterol Total / HDL Ratio	H 6.64		< 5	Calculated	

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Age/Gender	34 Years/Male	Receiving Date	24/12/2022 11:29AM
Bed No/Ward	OPD	Report Date	24/12/2022 12:14PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final

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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	1.025		1.015 - 1.030	Reflectance photometer/Enzymatic reaction
				Reflectance photometer/Manual

Chemical Examination:

U.Albumin	Nil
U.Glucose	Nil
U.Acetone	Absent
BS/BP	Absent

Microscopic Examination

Pus Cell	Occasional	/H.P.F.
Red Blood Cell	3-4	/H.P.F.
Epithelial cell	1-2	/H.P.F.
Cast	Absent	
Crystals	Absent	
Amorphous	Absent	
Monilia	Absent	

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Bed No/Ward	OPD	Report Date	24/12/2022 11:52AM
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Haematology

ArcoFemi Healthcare Ltd Below 40 Male

CBC WITH ESR

Citrate Whole Blood, EDTA Blood

Haemoglobin	15.7	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	47.3	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.72	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	L 82.7	fl	83.0 - 101.0	Calculated	
MCH	27.4	pg	27.0 - 31.0	Calculated	
MCHC	33.2	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.2	%	11.5 - 14.0	Calculated	
Platelet count	319000	/cumm	150000 - 450000	H.focusing impedance	
Total Leucocyte Count (TLC)	7470	/cumm	4000 - 10500	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	54	%	40.0 - 70.0		
Lymphocytes	38	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	06	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	4033.8	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2838.6	/cumm	1000 - 4800		
Absolute Eosinophil Count*	149.4	/cumm	40 - 450		
Absolute Monocyte Count*	448.2	/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 29	mm/hr	0 - 10	Modified westergren Method	

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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry/Immunology					
ArcoFemi Healthcare Ltd Below 40 Male					
					Serum
TOTAL T3*	1.490	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	10.450	ug/dl	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.690	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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