



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mrs. SANCHANAKUMARI .	Lab No/ManualNo	5005347/
UHIDNo/IPNO	300391047	CollectionDate	10/12/2022 11:58AM
Age/Gender	45 Years/Female	Receiving Date	10/12/2022 11:59AM
Bed No/Ward	OPD	Report Date	10/12/2022 4:42PM
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 Above 40 Male

Protein Total	H 8.8	g/dL	6.4 - 8.2	Biuret Method	Serum
Albumin	H 5.0	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	H 3.8	g/dL	2.2 - 3.5		
A/G Ratio	L 1.32	Ratio	1.50 - 2.50	Ratio	
Creatinine	0.64	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Uric Acid	3.4	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 311.0	mg/dL	70 - 100	Hexokinase	Serum
Post prandial Glucose	H 389.6	mg/dL	70 - 140	Hexokinase	Serum
Post prandial Urine Glucose	Present (++++)				

LIVER FUNCTION TEST (LFT) SERUM

SGPT(ALT)	H 88.3	U/L	0 - 33	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	H 85.10	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	H 221.6	U/L	38.0 - 126.0	PNP-Standardize	
Bilirubin Total	0.7	mg/dL	0.0 - 1.0	Diazo Method	
Bilirubin Direct	0.3	mg/dL	0.0 - 0.3	Diazo Method	
Bilirubin Indirect	0.40	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	H 8.8	g/dL	6.4 - 8.2	Biuret Method	
Albumin	H 5.0	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	H 3.8	g/dL	2.2 - 3.5		
A/G Ratio	L 1.32	Ratio	1.50 - 2.50	Ratio	

EDTA Blood



Dr. Kazumi Gondalia
M.D (Path)



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HbA1c (Glyco Hb)	12.99	%	4.8 % - 5.9 % Normal 5.9 % - 7.0 % Good 7.0 % - 10.00 % Fair Diabetic Control >10.0 % Poor diabetic Control	Immunoturbidimetric
Mean Plasma Glucose	H 385.4	mg/dL	80 - 140	Serum
Blood Urea	19.7	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	9.21	mg/dL	6 - 20	Ureas with UV
(*) Not in NABL Scope		**End Of Report**		



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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Male

LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	180.3	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	204.2	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	43.0	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	105.9	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 40.84	mg/dL	< 30		
LDL/HDL RATIO	2.46		< 4	Calculated	
Cholesterol Total / HDL Ratio	4.19		< 5	Calculated	

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Clinical Pathology

ArcoFemi Healthcare Ltd Above 40 Male

URINE ROUTINE EXAMINATION

URINE

Physical Examination:

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Slightly turbid			Visual method	
Reaction	6.5		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.010		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

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

Microscopic Examination

Pus Cell	10-12		/H.P.F.	Microscopy	
Red Blood Cell	Nil		/H.P.F.		
Epithelial cell	6-8		/H.P.F.		
Cast	Absent				
Crystals	Absent				
Amorphous	Absent				
Monilia	Absent				

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Haematology

ArcoFemi Healthcare Ltd Above 40 Male

Citrate Whole Blood, EDTA Blood

CBC WITH ESR

Haemoglobin	13.6	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	42.5	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.92	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	86.4	fl	83.0 - 101.0	Calculated	
MCH	27.6	pg	27.0 - 31.0	Calculated	
MCHC	32.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.8	%	11.5 - 14.0	Calculated	
Platelet count	184000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	H 13.6	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6040	/cumm	4000 - 10500	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	

Neutrophils	62	%	40.0 - 70.0		
Lymphocytes	27	%	22 - 45		
Eosinophils	04	%	1.0 - 4.0		
Monocytes	H 07	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		

Absolute Leucocyte Count

Absolute Neutrophil Count*	3744.8	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1630.8	/cumm	1000 - 4800		
Absolute Eosinophil Count*	241.6	/cumm	40 - 450		
Absolute Monocyte Count*	422.8	/cumm	0 - 800		

Peripheral Smear Study

RBCs are Normochromic & Normocytic.
Platelets are adequate in number & Giant platelets are seen.
Malarial Parasites are not seen.
No Premature cells are seen.

Erythrocyte Sedimentation Rate (ESR)	H 48	mm/hr	0 - 12	Modified westergren Method	
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Biochemistry/Immunology
ArcoFemi Healthcare Ltd Above 40 Male

Serum

TOTAL T3*	1.39	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	H 14.26	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	3.930	mIU/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				
	End Of Report				



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