



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Ms. DEEPA AMIRAM CHANDRAVANSW	Lab No/ManualNo	5005306/
UHIDNo/IPNO	300391037	CollectionDate	10/12/2022 11:10AM
Age/Gender	25 Years/Female	Receiving Date	10/12/2022 11:12AM
Bed No/Ward	OPD	Report Date	10/12/2022 1:05PM
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 Female

Protein Total	7.5	g/dL	6.4 - 8.2	Biuret Method	Serum
Albumin	H 5.0	g/dL	3.97 - 4.95	BCG Endpoint	Serum
Creatinine	0.50	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Uric Acid	L 1.6	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	76.5	mg/dL	70 - 100	Hexokinase	Serum
LIVER FUNCTION TEST (LFT) SERUM					Serum
SGPT(ALT)	21.3	U/L	0 - 33	IFCC without pyridoxal phosphate	
SGOT(AST)	18.70	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	57.4	U/L	38.0 - 126.0	PNP-Standardize	
Bilirubin Total	0.8	mg/dL	0.0 - 1.0	Diazo Method	
Bilirubin Direct	0.3	mg/dL	0.0 - 0.3	Diazo Method	
Bilirubin Indirect	0.50	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.5	g/dL	6.4 - 8.2	Biuret Method	
Albumin	H 5.0	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.5	g/dL	2.2 - 3.5		
A/G Ratio	2.00	Ratio	1.50 - 2.50	Ratio	
HbA1c (Glyco Hb)	5.30	%	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



Dr. Kazumi Gondalia
M.D (Path)



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Mean Plasma Glucose	111.5	mg/dL	80 - 140		
Blood Urea	L 14.5	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	6.78	mg/dL	6 - 20	Ureas with UV	
(*) Not in NABL Scope		**End Of Report**			

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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	159.4	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	46.9	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	56.2	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	102.8	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	9.38	mg/dL	< 30		
LDL/HDL RATIO	1.83		< 4	Calculated	
Cholesterol Total / HDL Ratio	2.84		< 5	Calculated	

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Bed No/Ward	OPD	Report Date	10/12/2022 12:24PM
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Clinical Pathology

ArcoFemi Healthcare Ltd Below 40 Female

URINE ROUTINE EXAMINATION

URINE

Physical Examination:

Quantity	20 ml			Visual method
Colour	Pale Yellow			Visual method
Appearance:	Clear			Visual method
Reaction	7.0		4.5 - 8.0	Reflectance photometer
Sp. Gravity	1.015		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	1-2	/H.P.F.
Epithelial cell	1-2	/H.P.F.
Cast	Absent	
Crystals	Absent	
Amorphous	Absent	
Monilia	Absent	

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Haematology

ArcoFemi Healthcare Ltd Below 40 Female

CBC WITH ESR

Citrate Whole Blood, EDTA Blood

Haemoglobin	13.4	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	40.2	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.44	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	90.5	fl	83.0 - 101.0	Calculated	
MCH	30.2	pg	27.0 - 31.0	Calculated	
MCHC	33.3	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.6	%	11.5 - 14.0	Calculated	
Platelet count	293000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.4	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	7570	/cumm	4000 - 10500	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	63	%	40.0 - 70.0		
Lymphocytes	30	%	22 - 45		
Eosinophils	01	%	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*	4769.1	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2271	/cumm	1000 - 4800		
Absolute Eosinophil Count*	75.7	/cumm	40 - 450		
Absolute Monocyte Count*	454.2	/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 19	mm/hr	0 - 12	Modified westergren Method	

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Biochemistry/Immunology					
ArcoFemi Healthcare Ltd Below 40 Female					
					Serum
TOTAL T3*	1.22	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	9.37	ug/dl	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	1.420	mIU/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

Positive

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