



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mrs. KAPILABEN JADAV	RIS No/ManualNo	5239187/
UHIDNo/IPNO	300425208	CollectionDate	23/09/2023 8:18AM
Age/Gender	57 Years/Female	Receiving Date	23/09/2023 8:29AM
Bed No/Ward	OPD	Report Date	23/09/2023 1:10PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry					
ArcoFemi Healthcare Ltd Above 40 Female					
Gamma GT	14.90	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.64	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Age	57				
Weight	49.5				
Gender	0.85				
eGFR	75.79	mL/minute/1.73 m ²	50 - 102		
Uric Acid	4.4	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	96.7	mg/dL	70.0 - 100.0	Hexokinase	Serum
<u>LIVER FUNCTION TEST (LFT) SERUM</u>					
SGPT(ALT)	10.10	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	15.00	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	87.9	U/L	35.0 - 140.0	PNP-Standardize	
Bilirubin Total	0.72	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct	H 0.25	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.47	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.72	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.36	g/dL	3.97 - 4.95	BCG Endpoint	

Note :Remark: Random Sample



Dr. Jitendra Narendrabhai Nayak
Reg.No:G-14786
Consultant Pathologist



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Globulin	3.36	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.30	Ratio	0.90 - 2.80	Ratio	
HbA1c (Glyco Hb)	5.57	%	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	120.9	mg/dL	80.0 - 140.0		
Blood Urea	29.4	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	13.7	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.090	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	7.860	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	H 9.160	uIU/mL	0.270 - 4.200	ECLIA.	

(*) Not in NABL Scope

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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry					
ArcoFemi Healthcare Ltd Above 40 Female					
					Serum
Post prandial Glucose	105.6	mg/dL	70.0 - 140.0	Hexokinase	
Post prandial Urine Glucose	S.N.G. = Sample Not Given				

End Of Report

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



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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry					
ArcoFemi Healthcare Ltd Above 40 Female					
LIPID PROFILE (WITH DIRECT LDL)					Serum
Sample Type	Random				
Cholesterol Total	138.50	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	83.40	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	36.10	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	95.70	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	16.68	mg/dL	< 30		
LDL/HDL RATIO	2.65		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.84		< 4.50		

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Bed No/Ward	OPD	Report Date	23/09/2023 12:35PM
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Clinical Pathology

ArcoFemi Healthcare Ltd Above 40 Female

URINE ROUTINE EXAMINATION

Urine

Physical Examination:

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Slightly turbid			Visual method	
Reaction	5			Reflectance photometer	
Sp. Gravity	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Nil			Reflectance photometer/Manual	
U.Gluocse	Nil				
U.Acetone	Absent				
BS/BP	Absent				

Microscopic Examination

Pus Cell	Occasional		/H.P.F.	Microscopy	
Red Blood Cell	2-4		/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 Above 40 Female

EDTA Blood

CBC WITH ESR

Haemoglobin	L 11.8	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	L 35.8	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	L 3.66	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	97.8	fl	83.0 - 101.0	Calculated	
MCH	H 32.2	pg	27.0 - 31.0	Calculated	
MCHC	33.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.9	%	11.5 - 14.0	Calculated	
Platelet count	246000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5490.00	/cumm	4000.00 - 10500.00	Flow Cytometry	

Differential Leucocyte Count

Neutrophils	58	%	40.0 - 70.0	Flowcytometry/Microscopic	
Lymphocytes	35	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	05	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		

Absolute Leucocyte Count

Absolute Neutrophil Count*	3184.2	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1921.5	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	109.8	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	274.5	/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 31	mm/hr	0 - 19	Modified westergren Method	
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Immuno-Haematology					
ArcoFemi Healthcare Ltd Above 40 Female					
BLOOD GROUPING					EDTA Blood
ABO Group	"O"			Tube Agglutination Method	
Rh Type	Positive				

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