



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mrs. SHITAL KUMARI	RIS No/ManualNo	5205988/
UHIDNo/IPNO	300420027	CollectionDate	12/08/2023 9:45AM
Age/Gender	28 Years/Female	Receiving Date	12/08/2023 10:06AM
Bed No/Ward	OPD	Report Date	12/08/2023 11:55AM
Referred By	Dr. Casualty Medical Officer	Report Status	Final

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry ArcoFemi Healthcare Ltd Below 40 Female					
Gamma GT	20.20	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.71	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Age	28				
Weight	71.4				
Gender	0.85				
eGFR	H 132.97	mL/minute/1.73 m2	72 - 110		
Uric Acid	4.9	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	95	mg/dL	70 - 100	Hexokinase	Serum

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





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LIVER FUNCTION TEST (LFT) SERUM

Serum

SGPT(ALT)	30.80	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	30.00	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	118	U/L	35 - 140	PNP-Standardize
Bilirubin Total	0.49	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	H 0.21	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.28	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.31	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.54	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.77	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.64	Ratio	0.90 - 2.80	Ratio

EDTA Blood

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HbA1c (Glyco Hb)	5.91	%	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	
Mean Plasma Glucose	133	mg/dL	80 - 140		
Blood Urea	17.2	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	8	mg/dL	6 - 20	Ureas with UV	
TOTAL T3*	1.440	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	9.070	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	3.590	uIU/mL	0.270 - 4.200	ECLIA.	

(*) Not in NABL Scope

End Of Report

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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

LIPID PROFILE (WITH DIRECT LDL)

Serum

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Sample Type	Fasting				
Cholesterol Total	171.00	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	201.80	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	41.90	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	

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LDL Cholesterol (Direct)	106.00	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 40.36	mg/dL	< 30	
LDL/HDL RATIO	2.53		< 3.50	Calculated
Cholesterol Total / HDL Ratio	4.08		< 4.50	

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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	6.0		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

Reflectance photometer/Manual

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

Dr. Kazumi Gondalia
M.D (Path)





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Microscopic Examination

Microscopy

Pus Cell	2-4	/H.P.F.
Red Blood Cell	40-50	/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 EDTA Blood

Haemoglobin	12.9	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	40.1	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.72	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	85.0	fl	83.0 - 101.0	Calculated	
MCH	27.3	pg	27.0 - 31.0	Calculated	
MCHC	32.2	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.4	%	11.5 - 14.0	Calculated	
Platelet count	275000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	H 14	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	7960.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	65	%	40.0 - 70.0		



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Lymphocytes	27	%	22 - 45
Eosinophils	03	%	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*	5174	/cumm	1800 - 7700
Absolute Lymphocyte count*	2149.2	/cumm	1000 - 4800
Absolute Eosinophil Count (AEC)	238.8	/cumm	0.0 - 450.0
Absolute Monocyte Count*	398	/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 15** mm/hr 0 - 12

Modified westergren
Method



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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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