



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Ms. BINKAL ATULKUMAR PARIKH	Lab No/ManualNo	5083093/
UHIDNo/IPNO	300402067	CollectionDate	14/03/2023 7:52AM
Age/Gender	35 Years/Female	Receiving Date	14/03/2023 8:23AM
Bed No/Ward	OPD	Report Date	14/03/2023 1:33PM
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

Gamma GT*	13.00	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.76	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Age	35				
Weight	78.9				
Gender	0.85				
eGFR	128.69	mL/minute/1.73 m2	71 - 140		
Uric Acid	5.4	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	98.9	mg/dL	70 - 100	Hexokinase	Serum
Post prandial Glucose	95.3	mg/dL	70 - 140	Hexokinase	Serum
Post prandial Urine Glucose	SNG				

LIVER FUNCTION TEST (LFT) SERUM

SGPT(ALT)	13.20	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	17.00	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	117.3	U/L	35 - 140	PNP-Standardize	
Bilirubin Total	0.31	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct	0.11	mg/dL	0.00 - 0.20	Diazo Method	



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Bilirubin Indirect	0.20	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.62	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.48	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	3.14	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.43	Ratio	0.90 - 2.80	Ratio	
EDTA Blood					
HbA1c (Glyco Hb)	5.51	%	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	118.9	mg/dL	80 - 140		
Serum					
Blood Urea	17.9	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	
BUN*	8.36	mg/dL	6 - 20	Ureas with UV	

(*) Not in NABL Scope

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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	180.20	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	106.00	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	61.10	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	104.80	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	21.2	mg/dL	< 30		
LDL/HDL RATIO	1.72		< 4	Calculated	
Cholesterol Total / HDL Ratio	2.95		< 5	Calculated	

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Bed No/Ward	OPD	Report Date	14/03/2023 11:24AM
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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	1.010		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

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

Microscopic Examination

Pus Cell	Occasional		/H.P.F.	Microscopy	
Red Blood Cell	Nil		/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	L 12.4	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	38.2	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.85	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	L 78.8	fl	83.0 - 101.0	Calculated	
MCH	L 25.6	pg	27.0 - 31.0	Calculated	
MCHC	32.5	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.1	%	11.5 - 14.0	Calculated	
Platelet count	H 472000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	8.5	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	9650	/cumm	4000 - 10500	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	62	%	40.0 - 70.0		
Lymphocytes	28	%	22 - 45		
Eosinophils	H 05	%	1.0 - 4.0		
Monocytes	H 050	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	5983	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2702	/cumm	1000 - 4800		
Absolute Eosinophil Count*	H 482.5	/cumm	40 - 450		
Absolute Monocyte Count*	H 4825	/cumm	0 - 800		
Peripheral Smear Study	RBCs shows Hypochromia(+). Platelets are adequate in number. Malarial Parasites are not seen. No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	H 42	mm/hr	0 - 35	Modified westergren Method	

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Biochemistry/Immunology					
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					Serum
TOTAL T3*	1.020	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	5.460	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	H 4.210	uIU/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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