



DEPARTMENT OF LABORATORY SERVICES

Patient	Ms. ARTI PRAKASHBHAI TARBUNDIYA	Lab No/ManualNo	5298013/
UHIDNo/IPNO	300433870	CollectionDate	09/12/2023 9:51AM
Age/Gender	31 Years/Female	Receiving Date	09/12/2023 3:03PM
Bed No/Ward	OPD	Report Date	09/12/2023 4:10PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry					
ArcoFemi Healthcare Ltd Below 40 Female					
Gamma GT	11.80	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.62	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Uric Acid	5.0	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	93.2	mg/dL	< 100.0	Hexokinase	Serum
As per ADA Guideline For Fasting Plasma Glucose Normal : Less than 100 mg/dL Prediabetes : 100 mg/dL to 125 mg/dL Diabetes : 126 mg/dL or Higher For 2 hrs Plasma Glucose after 75 Gms Glucose load Normal : Less than 140 mg/dL Prediabetes : 140 to 199 mg/dL Diabetes : 200 mg/dL or higher For Random Plasma Glucose Diabetes is diagnosed at blood glucose greater than or equal to 200 mg/dL					
Post prandial Glucose	129.8	mg/dL	< 140.0	Hexokinase	Serum

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



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As per ADA Guideline

For Fasting Plasma Glucose

Normal : Less than 100 mg/dL

Prediabetes : 100 mg/dL to 125 mg/dL

Diabetes : 126 mg/dL or Higher

For 2 hrs Plasma Glucose after 75 Gms Glucose load

Normal : Less than 140 mg/dL

Prediabetes : 140 to 199 mg/dL

Diabetes : 200 mg/dL or higher

For Random Plasma Glucose

Diabetes is diagnosed at blood glucose greater than or equal to 200 mg/dL

LIVER FUNCTION TEST (LFT) SERUM

Test Name	Result	Unit	Reference Range	Method	Specimen
SGPT(ALT)	17.50	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	19.90	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	82.7	U/L	35.0 - 140.0	PNP-Standardize	
Bilirubin Total	0.74	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct	H 0.25	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.49	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.50	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.60	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.90	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.59	Ratio	0.90 - 2.80	Ratio	

Test Name	Result	Unit	Reference Range	Method	Specimen
HbA1c (Glyco Hb)	5.05	%	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

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Mean Plasma Glucose	102.3	mg/dL	80.0 - 140.0	
Blood Urea	L 12.8	mg/dL	16.6 - 48.5	Urease, Kinetic, GLDH
BUN*	6.0	mg/dL	6.0 - 20.0	Ureas with UV
TOTAL T3*	1.600	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	H 15.910	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	0.355	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

Sample Type	Fasting				
Cholesterol Total	201.10	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	85.90	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	GPO-PAP	
HDL Cholesterol	67.40	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	134.50	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	
VLDL Cholesterol	17.18	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.00		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	2.98		< 4.50		

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Age/Gender	31 Years/Female	Receiving Date	09/12/2023 10:44AM
Bed No/Ward	OPD	Report Date	09/12/2023 1:29PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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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			Reflectance photometer	
Sp. Gravity	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Nil			Reflectance photometer/Manual	
U.Gluocse	Absent				
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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Dr. Shreya Dineshbhai Patel

Reg.No.:-G-26728

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		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Haematology

ArcoFemi Healthcare Ltd Below 40 Female

CBC WITH ESR

EDTA Blood

Haemoglobin	L 12.0	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	38.7	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	H 5.62	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	L 68.9	fl	83.0 - 101.0	Calculated	
MCH	L 21.4	pg	27.0 - 31.0	Calculated	
MCHC	L 31.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H 19.0	%	11.5 - 14.0	Calculated	
Platelet count	341000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.4	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	10260.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	68	%	40.0 - 70.0		
Lymphocytes	26	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	04	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	6976.8	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2667.6	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	205.2	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	410.4	/cumm	0 - 800		
Peripheral Smear Study	RBCs shows Anisocytosis(+),Microcytosis(+),Hypochromia(+). Platelets are adequate in number.Malarial Parasites are not seen. No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	H 32	mm/hr	0 - 12	Photometric capillary stopped flow kinetic	

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		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
	Immuno-Haematology				
	ArcoFemi Healthcare Ltd Below 40 Female				
BLOOD GROUPING					EDTA Blood
ABO Group	"O"			Tube Agglutination Method	
Rh Type	Positive				

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