



DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. JYOTI C PATEL	Lab No/ManualNo	5395292/
UHIDNo/IPNO	300365017	CollectionDate	27/03/2024 9:15AM
Age/Gender	44 Years/Female	Receiving Date	27/03/2024 9:40AM
Bed No/Ward	OPD	Report Date	27/03/2024 1:54PM
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 Above 40 Female					
					Serum
Gamma GT	19.20	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.56	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age	44				
Weight	67.4				
Gender	0.85				
eGFR	H 136.4	mL/minute/1.73 m2	50 - 102		Serum
Uric Acid	4.1	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	89.4	mg/dL	< 100.0	Hexokinase	



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



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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

Serum

Post prandial Glucose	106.5	mg/dL	< 140.0	Hexokinase
Post prandial Urine Glucose	S.N.G. = Sample Not Given			

As per ADA Guideline

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Prediabetes : 100 mg/dL to 125 mg/dL

Diabetes : 126 mg/dL or Higher

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Serum

LIVER FUNCTION TEST (LFT) SERUM

SGPT(ALT)	15.80	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	15.60	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate

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Alkaline Phosphatase	98.7	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.23	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.11	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.12	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.30	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.44	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.86	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.55	Ratio	0.90 - 2.80	Ratio

EDTA Blood

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
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Mean Plasma Glucose	113.0	mg/dL	80.0 - 140.0
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Serum

Blood Urea	21.2	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	9.9	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.490	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	5.690	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	1.660	uIU/mL	0.270 - 4.200	ECLIA.

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(*) Not in NABL Scope

End Of Report



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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Female

LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	152.10	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	104.80	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	GPO-PAP	
HDL Cholesterol	35.10	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	112.10	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	20.96	mg/dL	< 30	Calculated	
LDL/HDL RATIO	3.19		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	4.33		< 4.50		

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MC - 3049



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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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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:	Clear			Visual method
Reaction	7.0		4.5 - 8.0	Reflectance photometer
Sp. Gravity	1.015		1.015 - 1.030	Reflectance photometer/Enzymatic reaction

Chemical Examination:

U.Albumin	Nil			Reflectance photometer/Manual
U.Glucose	Nil			
U.Acetone	Nil			
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			
Other:	Absent			

End Of Report



Dr. Viyati Chetanbhai Vithlani
MBBS+MD Pathology
Pathologist



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Haematology

ArcoFemi Healthcare Ltd Above 40 Female

CBC WITH ESR

EDTA Blood

Haemoglobin	L 8.9	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	L 29.9	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.42	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	L 67.6	fl	83.0 - 101.0	Calculated	
MCH	L 20.1	pg	27.0 - 31.0	Calculated	
MCHC	L 29.8	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H 15.1	%	11.5 - 14.0	Calculated	
Platelet count	320000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	8.5	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5550.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	63	%	40 - 70		
Lymphocytes	28	%	22 - 45		
Eosinophils	04	%	1 - 4		
Monocytes	05	%	1 - 6		
Basophils	00	%	0 - 1		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	3496.5	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1554	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	222.0	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	277.5	/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.				

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Immuno-Haematology

ArcoFemi Healthcare Ltd Above 40 Female

BLOOD GROUPING

EDTA Blood

ABO Group	"B"			Tube Agglutination Method	
Rh Type	Positive				

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