



DEPARTMENT OF LABORATORY SERVICES

Patient	Mr. ANUP R AMIN	Lab No/ManualNo	5378848/
UHIDNo/IPNO	300399344	CollectionDate	08/03/2024 10:01AM
Age/Gender	45 Years/Male	Receiving Date	08/03/2024 10:19AM
Bed No/Ward	OPD	Report Date	08/03/2024 3:47PM
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 Male					
					Serum
Gamma GT	22.10	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.96	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	
Age	45				
Weight	72				
Gender	1.00				
eGFR	98.96	mL/minute/1.73 m ²	76 - 120		Serum
Uric Acid	6.5	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 146.7	mg/dL	< 100.0	Hexokinase	

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



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Table with patient information: Patient (Mr. ANUP R AMIN), UHIDNo/IPNO (300399344), Age/Gender (45 Years/Male), Bed No/Ward (OPD), Referred By (Dr. Casualty Medical Officer), Lab No/ManualNo (5378848/), CollectionDate (08/03/2024 10:01AM), Receiving Date (08/03/2024 10:19AM), Report Date (08/03/2024 3:47PM), Report Status (Final), Sample Quality (Normal)

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 H 339.2 mg/dL < 140.0 Hexokinase
Post prandial Urine Glucose SNG

As per ADA Guideline

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LIVER FUNCTION TEST (LFT) SERUM

Serum

SGPT(ALT) 28.20 U/L 0.00 - 41.00 IFCC without pyridoxal phosphate
SGOT(AST) 19.40 U/L 0.00 - 40.00 IFCC without pyridoxal phosphate

Handwritten signature of Dr. Kazumi Gondalia

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Alkaline Phosphatase	54.3	U/L	40.0 - 129.0	PNP-Standardize
Bilirubin Total	0.42	mg/dL	0.00 - 1.10	Diazo Method
Bilirubin Direct	0.16	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.26	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.16	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.44	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.72	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.63	Ratio	0.90 - 2.80	Ratio

EDTA Blood

HbA1c (Glyco Hb)	8.51	%	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
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Mean Plasma Glucose	H 225.6	mg/dL	80.0 - 140.0
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Serum

Prostate Specific Antigen	0.432	ng/mL	0.000 - 4.000	ECLIA
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Serum

Blood Urea	23.8	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	11.1	mg/dL	6.0 - 20.0	Ureas with UV

Serum

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TOTAL T3*	1.080	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	7.150	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	1.860	uIU/mL	0.270 - 4.200	ECLIA.

(* Not in NABL Scope

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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Male

LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	186.20	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	197.50	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	41.70	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	115.30	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	H 39.5	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.76		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	4.47		< 4.50		

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		Sample Quality	

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Clinical Pathology
ArcoFemi Healthcare Ltd Above 40 Male

URINE ROUTINE EXAMINATION

Urine

Physical Examination:

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Clear			Visual method	
Reaction	5.0		4.5 - 8.0	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				Microscopy	

Pus Cell	Occasional		/H.P.F.		
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 Above 40 Male

CBC WITH ESR

EDTA Blood

Haemoglobin	14.5	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	42.4	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	4.88	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	86.9	fl	83.0 - 101.0	Calculated	
MCH	29.7	pg	27.0 - 31.0	Calculated	
MCHC	34.2	g/dL	32.0 - 36.0	Calculated	
RDW-CV	11.8	%	11.5 - 14.0	Calculated	
Platelet count	299000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	8.5	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6160.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	51	%	40.0 - 70.0		
Lymphocytes	39	%	22 - 45		
Eosinophils	H 05	%	1.0 - 4.0		
Monocytes	05	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	3141.6	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2402.4	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	308.0	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	308	/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 12	mm/hr	0 - 10	Photometric capillary stopped flow kinetic	

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Immuno-Haematology
ArcoFemi Healthcare Ltd Above 40 Male

BLOOD GROUPING

EDTA Blood

ABO Group	"B"	Tube Agglutination Method
Rh Type	Negative	

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