



DEPARTMENT OF LABORATORY SERVICES

Patient	Mr. KAMLESH R JANI	Lab No/ManualNo	5366950/
UHIDNo/IPNO	300443568	CollectionDate	24/02/2024 9:33AM
Age/Gender	57 Years/Male	Receiving Date	24/02/2024 9:50AM
Bed No/Ward	OPD	Report Date	24/02/2024 3:27PM
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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Biochemistry					
ArcoFemi Healthcare Ltd Above 40 Male					
Serum					
Gamma GT	L 7.80	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.84	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Uric Acid	6.6	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	97.4	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

LIVER FUNCTION TEST (LFT) SERUM

Serum

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



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SGPT(ALT)	13.70	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate
SGOT(AST)	17.50	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	52.9	U/L	40.0 - 129.0	PNP-Standardize
Bilirubin Total	0.73	mg/dL	0.00 - 1.10	Diazo Method
Bilirubin Direct	H 0.29	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.44	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.12	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.28	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.84	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.51	Ratio	0.90 - 2.80	Ratio

EDTA Blood

HbA1c (Glyco Hb)	5.78	%	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	128.3	mg/dL	80.0 - 140.0	

Serum

Prostate Specific Antigen	0.558	ng/mL	0.000 - 4.000	ECLIA
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Serum

Blood Urea	25.2	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
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JCI (USA)

OUR ACCREDITATIONS

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BUN*	11.8	mg/dL	6.0 - 20.0	Ureas with UV	Serum
TOTAL T3*	1.340	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	8.370	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	H 5.270	uIU/mL	0.270 - 4.200	ECLIA.	

(*) Not in NABL Scope

End Of Report

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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Male

Serum

Post prandial Glucose	87.6	mg/dL	< 140.0	Hexokinase
Post prandial Urine Glucose	S.N.G. = Sample Not Given			

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

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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

End Of Report

Dr. Kazumi Gondalia

M.D (Path)

Reg.No.: G-21729



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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Male

LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	138.70	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	54.60	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	49.10	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	81.20	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	10.92	mg/dL	< 30	Calculated	
LDL/HDL RATIO	1.65		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	2.82		< 4.50		

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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	7.0		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.030		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				
Other:	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	45.6	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.07	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	89.9	fl	83.0 - 101.0	Calculated	
MCH	28.6	pg	27.0 - 31.0	Calculated	
MCHC	L 31.8	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.5	%	11.5 - 14.0	Calculated	
Platelet count	224000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	10.1	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	7620.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	63	%	40.0 - 70.0		
Lymphocytes	24	%	22 - 45		
Eosinophils	H 07	%	1.0 - 4.0		
Monocytes	06	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	4800.6	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1828.8	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	H 533.4	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	457.2	/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)	05	mm/hr	0 - 12	Photometric capillary stopped flow kinetic	

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Immuno-Haematology

ArcoFemi Healthcare Ltd Above 40 Male

BLOOD GROUPING

EDTA Blood

ABO Group	"O"			Tube Agglutination Method	
Rh Type	Negative				

End Of Report

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