



DEPARTMENT OF LABORATORY SERVICES

Patient	Mr. BRAHMDEO SHARMA	Lab No/ManualNo	5286553/
UHIDNo/IPNO	300432320	CollectionDate	25/11/2023 8:59AM
Age/Gender	59 Years/Male	Receiving Date	25/11/2023 12:57PM
Bed No/Ward	OPD	Report Date	25/11/2023 1:45PM
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					
Gamma GT	65.70	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	1.03	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Uric Acid	4.0	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 117.6	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	H 146.0	mg/dL	< 140.0	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G. = Sample Not Given				

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

LIVER FUNCTION TEST (LFT) SERUM

Test Name	Result	Unit	Reference Range	Method	Specimen
SGPT(ALT)	H 55.20	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	H 41.60	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	Serum
Alkaline Phosphatase	85.3	U/L	40.0 - 129.0	PNP-Standardize	Serum
Bilirubin Total	0.80	mg/dL	0.00 - 1.10	Diazo Method	Serum
Bilirubin Direct	H 0.27	mg/dL	0.00 - 0.20	Diazo Method	Serum
Bilirubin Indirect	0.53	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	Serum
Protein Total	7.07	g/dL	6.40 - 8.20	Biuret Method	Serum
Albumin	4.51	g/dL	3.97 - 4.95	BCG Endpoint	Serum
Globulin	2.56	g/dL	2.20 - 3.50	Calculated	Serum
A/G Ratio	1.76	Ratio	0.90 - 2.80	Ratio	Serum

Test Name	Result	Unit	Reference Range	Method	Specimen
HbA1c (Glyco Hb)	6.45	%	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	H 152.2	mg/dL	80.0 - 140.0		
Prostate Specific Antigen	2.410	ng/mL	0.000 - 4.000	ECLIA	Serum
Blood Urea	28.6	mg/dL	16.6 - 48.5	Urease, Kinetic, GLDH	Serum
BUN*	13.4	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.350	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	6.820	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	1.540	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	171.40	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	119.60	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	38.50	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	110.80	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	
VLDL Cholesterol	23.92	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.88		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	4.45		< 4.50		

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Bed No/Ward	OPD	Report Date	25/11/2023 11:19AM
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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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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			Reflectance photometer	
Sp. Gravity	1.015		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Nil				
U.Gluocse	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				

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Haematology					
ArcoFemi Healthcare Ltd Above 40 Male					
					EDTA Blood
CBC WITH ESR					
Haemoglobin	17.0	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	51.7	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.73	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	90.2	fl	83.0 - 101.0	Calculated	
MCH	29.7	pg	27.0 - 31.0	Calculated	
MCHC	32.9	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.2	%	11.5 - 14.0	Calculated	
Platelet count	190000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	11.8	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	7620.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
				Flowcytometry/Microscopic	
Differential Leucocyte Count					
Neutrophils	67	%	40.0 - 70.0		
Lymphocytes	26	%	22 - 45		
Eosinophils	01	%	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*	5105.4	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1981.2	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	76.2	/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)	13	mm/hr	0 - 30	Photometric capillary stopped flow kinetic	

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Immuno-Haematology

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BLOOD GROUPING

EDTA Blood

ABO Group	"O"			Tube Agglutination Method	
Rh Type	Positive				

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