



JCI (USA)

NABH
OUR ACCREDITATIONS

DEPARTMENT OF LABORATORY SERVICES

Patient	Mr. MANAS DAS	Lab No/ManualNo	5285786/
UHIDNo/IPNO	300389664	CollectionDate	24/11/2023 10:02AM
Age/Gender	39 Years/Male	Receiving Date	24/11/2023 10:10AM
Bed No/Ward	OPD	Report Date	24/11/2023 1:57PM
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 Male					
LIPID PROFILE (WITH DIRECT LDL)					Serum
Sample Type	Fasting				
Cholesterol Total	223.20	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	131.50	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	41.20	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	164.30	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	26.3	mg/dL	< 30	Calculated	
LDL/HDL RATIO	H 3.99		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	H 5.42		< 4.50		



Dr. Shreya Dineshbhai Patel
Reg.No.: -G-26728
Consultant Pathologist



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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Male

Gamma GT	48.50	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.74	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	39				
Weight	72				
Gender	1				
eGFR	136.49	mL/minute/1.73 m ²	39 - 137		
Uric Acid	4.0	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 188.5	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



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SGPT(ALT)	36.10	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	
SGOT(AST)	18.80	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	50.0	U/L	40.0 - 129.0	PNP-Standardize	
Bilirubin Total	0.67	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	H 0.25	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.42	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.87	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.74	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	3.13	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.51	Ratio	0.90 - 2.80	Ratio	
HbA1c (Glyco Hb)	8.57	%	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
Mean Plasma Glucose	H 227.6	mg/dL	80.0 - 140.0		
Blood Urea	L 14.5	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	6.8	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.460	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	7.910	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.890	uIU/mL	0.270 - 4.200	ECLIA.	

(*) Not in NABL Scope

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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Male

Serum

Post prandial Glucose **H 264.1** mg/dL < 140.0 Hexokinase

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

****End Of Report****



Dr. Kazumi Gondalia

M.D (Path)

Reg.No.: G-21729



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Clinical Pathology

ArcoFemi Healthcare Ltd Below 40 Male

URINE ROUTINE EXAMINATION

Urine

Physical Examination:

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Slightly turbid			Visual method	
Reaction	5			Reflectance photometer	
Sp. Gravity	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Present(+)			Reflectance photometer/Manual	
U.Gluocse	Present(++++)				
U.Acetone	Nil				
BS/BP	Absent				

Microscopic Examination

				Microscopy	
Pus Cell	Occasional		/H.P.F.		
Red Blood Cell	25-30		/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 Below 40 Male

CBC WITH ESR

EDTA Blood

Haemoglobin	15.9	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	49.4	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	H 7.52	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	L 65.7	fl	83.0 - 101.0	Calculated	
MCH	L 21.1	pg	27.0 - 31.0	Calculated	
MCHC	32.2	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H 18.0	%	11.5 - 14.0	Calculated	
Platelet count	301000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	10.2	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6170.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	58	%	40.0 - 70.0		
Lymphocytes	29	%	22 - 45		
Eosinophils	H 05	%	1.0 - 4.0		
Monocytes	06	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Band Cells	02	%		Flowcytometry/Microscopic	
Absolute Leucocyte Count					
Absolute Neutrophil Count*	3578.6	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1789.3	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	308.5	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	370.2	/cumm	0 - 800		
Peripheral Smear Study	RBCs shows Anisocytosis(+),Microcytosis(++),Erythrocytosis(+),Elliptocytosis(+). Platelets are adequate in number.Malarial Parasites are not seen.				
Erythrocyte Sedimentation Rate (ESR)	H 26	mm/hr	0 - 10	Photometric capillary stopped flow kinetic	



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Immuno-Haematology

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BLOOD GROUPING

EDTA Blood

ABO Group

"B"

Tube Agglutination Method

Rh Type

Positive

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