DEPARTMENT OF LABORATORY SERVICES

Patient	Mr. PRAKASH M TARBUNDIYA	**Lab No/ManualNo**	5298008/
UHIDNo/IPNO	300433871	**CollectionDate**	09/12/2023 9:54AM
Age/Gender	31 Years/Male	**Receiving Date**	09/12/2023 2:49PM
Bed No/Ward	OPD	**Report Date**	09/12/2023 3:23PM
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					
					Serum
Gamma GT	20.00	U/L	10.00 - 71.00	Enzymatic method	
					Serum
Creatinine	0.72	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	
Age	31				
Weight	76				
Gender	1				
eGFR	H 159.8	mL/minute/1.73 m2	39 - 137		
					Serum
Uric Acid	5.4	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	
					Serum
Fasting Glucose	90.8	mg/dL	< 100.0	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

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
					Serum
Post prandial Glucose	128.3	mg/dL	< 140.0	Hexokinase	

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

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CIMS Hospital Private Limited
Plot No 67/1, Opposite Panchmrut Bunglows Near Shakun Mall, Off Science City Road, Sola, Ahmedabad, Gujarat 380060
📞 1800 309 9999 ✉ marengocims.pathology@marengoasia.com   CIN No. U85110GJ2001PTC039962

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Bed No/Ward	OPD	**Report Date**	09/12/2023 3:23PM
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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
Serum

Test	Value	Unit	Range	Method
SGPT(ALT)	36.80	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate
SGOT(AST)	24.40	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	96.0	U/L	40.0 - 129.0	PNP-Standardize
Bilirubin Total	0.56	mg/dL	0.00 - 1.10	Diazo Method
Bilirubin Direct	0.18	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.38	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	4.73	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	3.14	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.51	Ratio	0.90 - 2.80	Ratio

EDTA Blood

Test	Value	Unit	Range	Method
HbA1c (Glyco Hb)	5.46	%	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		116.9	mg/dL	80.0 - 140.0	
					Serum
Blood Urea	L	**15.8**	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*		7.4	mg/dL	6.0 - 20.0	Ureas with UV
					Serum
TOTAL T3*		1.570	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*		7.150	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE		1.030	uIU/mL	0.270 - 4.200	ECLIA.

(*) Not in NABL Scope   **End Of Report**

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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample

Biochemistry
ArcoFemi Healthcare Ltd Below 40 Male

LIPID PROFILE (WITH DIRECT LDL

Serum

Test Name	Result	Unit	Bio. Ref. Range	Method
Sample Type	Fasting			
Cholesterol Total	251.80	mg/dL	Less than 160 mg/dL Excellent Less than 200 mg/dL Desirabale 200-239 mg/dL Borderline High 240 mg/dl & over high	Enzymatic (CHE/CHO/POD)
Triglycerides	144.30	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	43.90	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic
LDL Cholesterol (Direct)	197.10	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	28.86	mg/dL	< 30	Calculated
LDL/HDL RATIO	H 4.49		< 3.50	Calculated
Cholesterol Total / HDL Ratio	H 5.74		< 4.50	

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		Sample Quality	

End Of Report

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UHIDNo/IPNO	300433871	CollectionDate	09/12/2023 9:54AM
Age/Gender	31 Years/Male	Receiving Date	09/12/2023 10:44AM
Bed No/Ward	OPD	Report Date	09/12/2023 1:29PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample

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:	Clear			Visual method	
Reaction	8.0		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination: Reflectance photometer/Manual

U.Albumin	Nil	
U.Gluocse	Absent	
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	

End Of Report

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

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		Sample Quality	

Test Name		Result	Unit	Bio. Ref. Range	Method	Sample
			Haematology			
		ArcoFemi Healthcare Ltd Below 40 Male				
CBC WITH ESR						EDTA Blood
Haemoglobin		15.6	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV		44.9	%	42.0 - 52.0	H.focusing Method	
RBC COUNT		4.93	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV		91.1	fl	83.0 - 101.0	Calculated	
MCH	H	**31.6**	pg	27.0 - 31.0	Calculated	
MCHC		34.7	g/dL	32.0 - 36.0	Calculated	
RDW-CV		11.8	%	11.5 - 14.0	Calculated	
Platelet count		319000	/cumm	150000 - 410000	H.focusing impedance	
Total Leucocyte Count (TLC)		7450.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count					Flowcytometry/Microscopic	
Neutrophils		60	%	40.0 - 70.0		
Lymphocytes		33	%	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*		4470	/cumm	1800 - 7700		
Absolute Lymphocyte count*		2458.5	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)		74.5	/cumm	0.0 - 450.0		
Absolute Monocyte Count*		447	/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)		06	mm/hr	0 - 10	Photometric capillary stopped flow kinetic	

End Of Report

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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample

Immuno-Haematology
ArcoFemi Healthcare Ltd Below 40 Male

BLOOD GROUPING   EDTA Blood

ABO Group	"O"		Tube Agglutination Method
Rh Type	Positive		

End Of Report

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