



DEPARTMENT OF LABORATORY SERVICES

Patient	Mr. JIGNESH SINH I GOHIL	Lab No/ManualNo	5392198/
UHIDNo/IPNO	300401052	CollectionDate	23/03/2024 7:48AM
Age/Gender	36 Years/Male	Receiving Date	23/03/2024 7:49AM
Bed No/Ward	OPD	Report Date	23/03/2024 12:05PM
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 Below 40 Male					
Serum					
Gamma GT	14.70	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.71	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Uric Acid	5.1	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 100.9	mg/dL	< 100.0	Hexokinase	Serum
As per ADA Guideline Normal : Less than 100 mg/dL Prediabetes : 100 mg/dL to 125 mg/dL Diabetes : 126 mg/dL or Higher					

***LIVER FUNCTION TEST (LFT) SERUM** Serum

SGPT(ALT)	22.00	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	21.60	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	Serum
Alkaline Phosphatase	85.9	U/L	40.0 - 129.0	PNP-Standardize	Serum



Dr. Viyati Chetanbhai Vithlani
MBBS+MD Pathology
Pathologist (Reg. No:- G-37173)



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Bilirubin Total	0.51	mg/dL	0.00 - 1.10	Diazo Method
Bilirubin Direct	0.17	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.34	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.09	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.77	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.32	g/dL	2.20 - 3.50	Calculated
A/G Ratio	2.06	Ratio	0.90 - 2.80	Ratio

EDTA Blood

HbA1c (Glyco Hb)	5.10	%	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	104.0	mg/dL	80.0 - 140.0
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Serum

Blood Urea	25.3	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	11.8	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.180	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	5.800	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	2.760	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
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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Male

Serum

Post prandial Glucose	90.8	mg/dL	< 140.0	Hexokinase	
Post prandial Urine Glucose	S.N.G.				
As per ADA Guideline					
Normal : Less than 100 mg/dL					
Prediabetes : 100 mg/dL to 125 mg/dL					
Diabetes : 126 mg/dL or Higher					

(* Not in NABL Scope

End Of Report

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



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Biochemistry

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***LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	205.90	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	65.90	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	40.10	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	168.10	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	13.18	mg/dL	< 30	Calculated	
LDL/HDL RATIO	H 4.19		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	H 5.13		< 4.50		



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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:	Clear			Visual method	
Reaction	6			Reflectance photometer	
Sp. Gravity	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Nil			Reflectance photometer/Manual	
U.Glucose	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 Below 40 Male

***CBC WITH ESR**

EDTA Blood

Haemoglobin	14.6	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	42.8	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	4.93	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	86.8	fl	83.0 - 101.0	Calculated	
MCH	29.6	pg	27.0 - 31.0	Calculated	
MCHC	34.1	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.4	%	11.5 - 14.0	Calculated	
Platelet count	240000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.6	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5110.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	L 35	%	40 - 70		
Lymphocytes	45	%	22 - 45		
Eosinophils	H 14	%	1 - 4		
Monocytes	06	%	1 - 6		
Basophils	00	%	0 - 1		
Immature Granulocytes	00	%	0 - 2		

Absolute Leucocyte Count

Absolute Neutrophil Count*	L 1788.5	/cumm	1800 - 7700
Absolute Lymphocyte count*	2299.5	/cumm	1000 - 4800
Absolute Eosinophil Count (AEC)	H 715.4	/cumm	0.0 - 450.0
Absolute Monocyte Count*	306.6	/cumm	0 - 800

Peripheral Smear Study

RBCs are Normochromic & Normocytic. WBCs shows Mild Eosinophilia.
Platelets are adequate in number. Malarial Parasites are not seen.
No Premature cells are seen.



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Erythrocyte Sedimentation Rate (ESR) 04 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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