



DEPARTMENT OF LABORATORY SERVICES

Patient	Mr. PRAFULKUMAR MANJIBHAI VAGHELA	Lab No/ManualNo	5248897/
UHIDNo/IPNO	300426925	CollectionDate	04/10/2023 9:55AM
Age/Gender	58 Years/Male	Receiving Date	04/10/2023 10:16AM
Bed No/Ward	OPD	Report Date	04/10/2023 5:22PM
Referred By	Dr. Rashmi Chirag Chovatia	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					
Gamma GT	21.20	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.86	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	58				
Weight	91.1				
Gender	1				
eGFR	H 120.64	mL/minute/1.73 m2	67 - 109		
Uric Acid	H 8.1	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	82.5	mg/dL	70.0 - 100.0	Hexokinase	Serum
Post prandial Glucose	H 231.5	mg/dL	70.0 - 140.0	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G. = Sample Not Given				

LIVER FUNCTION TEST (LFT) SERUM Serum

SGPT(ALT)	11.20	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	
SGOT(AST)	9.10	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	64.8	U/L	40.0 - 129.0	PNP-Standardize	
Bilirubin Total	0.39	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	0.17	mg/dL	0.00 - 0.20	Diazo Method	

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Reg.No:G-14786
Consultant Pathologist



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Bilirubin Indirect	0.22	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.62	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.26	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	3.36	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.27	Ratio	0.90 - 2.80	Ratio	
HbA1c (Glyco Hb)	10.82	%	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 308.1	mg/dL	80.0 - 140.0		
Prostate Specific Antigen	H 4.460	ng/mL	0.000 - 4.000	ECLIA	Serum
Blood Urea	34.1	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	15.9	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.170	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	8.060	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.380	uIU/mL	0.270 - 4.200	ECLIA.	

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

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Biochemistry

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LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	191.00	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	143.20	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	36.60	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	131.60	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	28.64	mg/dL	< 30	Calculated	
LDL/HDL RATIO	H 3.60		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	H 5.22		< 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	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	Nil				
U.Acetone	Nil				
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				
Other:	Absent				

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Haematology

ArcoFemi Healthcare Ltd Above 40 Male

CBC WITH ESR

EDTA Blood

Haemoglobin	L 13.3	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	L 39.1	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	L 4.63	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	84.4	fl	83.0 - 101.0	Calculated	
MCH	28.7	pg	27.0 - 31.0	Calculated	
MCHC	34.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.0	%	11.5 - 14.0	Calculated	
Platelet count	293000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6390.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	63	%	40.0 - 70.0		
Lymphocytes	30	%	22 - 45		
Eosinophils	03	%	1.0 - 4.0		
Monocytes	04	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	4025.7	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1917	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	191.7	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	255.6	/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)	H 36	mm/hr	0 - 12	Modified westergren Method	

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Immuno-Haematology

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BLOOD GROUPING

EDTA Blood

ABO Group	"A"			Tube Agglutination Method	
Rh Type	Positive				

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