



DEPARTMENT OF LABORATORY SERVICES

<b>Patient Name</b>	Mr. JAYANTILAL B PATELIYA	<b>RIS No/ManualNo</b>	5196689/
<b>UHIDNo/IPNO</b>	300418221	<b>CollectionDate</b>	31/07/2023 8:21AM
<b>Age/Gender</b>	55 Years/Male	<b>Receiving Date</b>	31/07/2023 8:31AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	31/07/2023 11:40AM
<b>Referred By</b>	Dr. Rashmi Chirag Chovatia	<b>Report Status</b>	Final

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Male

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Gamma GT	H 86.00	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.78	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	55				
Weight	64				
Gender	1				
eGFR	96.87	mL/minute/1.73 m2	67 - 109		
Uric Acid	4.1	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 296	mg/dL	70 - 100	Hexokinase	Serum
Post prandial Glucose	H 276	mg/dL	70 - 140	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G. = Sample Not Given				

**LIVER FUNCTION TEST (LFT) SERUM**

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
SGPT(ALT)	H 45.40	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	23.50	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	109	U/L	40 - 129	PNP-Standardize	
Bilirubin Total	0.53	mg/dL	0.00 - 1.10	Diazo Method	

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Reg.No:G-14786  
Consultant Pathologist





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Bilirubin Direct	0.19	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	7.68	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.88	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.80	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.74	Ratio	0.90 - 2.80	Ratio	
EDTA Blood					
HbA1c (Glyco Hb)	10.41	%	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	
Mean Plasma Glucose	<b>H 294</b>	mg/dL	80 - 140		
Serum					
Prostate Specific Antigen	0.749	ng/mL	0.000 - 4.000	ECLIA	
Serum					
Blood Urea	26.1	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	
BUN*	12	mg/dL	6 - 20	Ureas with UV	
Serum					
TOTAL T3*	1.080	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	5.710	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.260	uIU/mL	0.270 - 4.200	ECLIA.	

(\* ) Not in NABL Scope

\*\*End Of Report\*\*



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**Biochemistry**

ArcoFemi Healthcare Ltd Above 40 Male

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	222.60	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	203.60	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	Enzymatic colorimetric	
Cholesterol HDL	43.90	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	158.90	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	
Cholesterol VLDL	<b>H 40.72</b>	mg/dL	< 30		
LDL/HDL RATIO	<b>H 3.62</b>		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	<b>H 5.07</b>		< 4.50		

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**Clinical Pathology**

ArcoFemi Healthcare Ltd Above 40 Male

Stool, Urine

**STOOL ROUTINE**

**Physical Examination:**

Colour	Brownish
Consistency	Semi Solid
Mucus	Absent

**Chemical Examination:**

Stool Occult Blood	Negative	Negative	Non-Benzidine Test /Manual/Strip
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**Microscopic Examination**

Pus Cells	Nil	0-5	Microscopy
Red Blood Cell	Nil	/H.P.F.	
Epithelial cell	Nil	/H.P.F.	
Fat Globules	Absent	Absent	
Trophozoites	Absent	Absent	
ova	Absent	Absent	
Cysts	Absent	Absent	
Bacteria	Absent		

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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:	Slightly turbid			Visual method	
Reaction	5			Reflectance photometer	
Sp. Gravity	1.015		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

**Chemical Examination:**

U.Albumin	Nil			Reflectance photometer/Manual	
U.Glucose	Present(++++)				
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**

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EDTA Blood

**CBC WITH ESR**

Haemoglobin	15.0	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	42.6	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.15	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	<b>L 82.7</b>	fl	83.0 - 101.0	Calculated	
MCH	29.1	pg	27.0 - 31.0	Calculated	
MCHC	35.2	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.0	%	11.5 - 14.0	Calculated	
Platelet count	230000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	11	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5800	/cumm	4000.00 - 10500.00	Flow Cytometry	

**Differential Leucocyte Count**

Neutrophils	62	%	40.0 - 70.0	Flowcytometry/Microscopic	
Lymphocytes	31	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	05	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		

**Absolute Leucocyte Count**

Absolute Neutrophil Count*	3596	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1798	/cumm	1000 - 4800		
Absolute Monocyte Count*	290	/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)	08	mm/hr	0 - 12	Modified westergren Method	
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Dr. Shreya Dineshbhai Patel  
Reg.No.:-G-26728



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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Above 40 Male

**BLOOD GROUPING**

EDTA Blood

ABO Group	"O"			Tube Agglutination Method	
Rh Type	Positive				

\*\*End Of Report\*\*



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