



DEPARTMENT OF LABORATORY SERVICES

<b>Patient Name</b>	Mr. PANKAJ KUMAR	<b>RIS No/ManualNo</b>	5205985/
<b>UHIDNo/IPNO</b>	300420028	<b>CollectionDate</b>	12/08/2023 9:50AM
<b>Age/Gender</b>	38 Years/Male	<b>Receiving Date</b>	12/08/2023 10:07AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	12/08/2023 11:55AM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
<b>Biochemistry</b> ArcoFemi Healthcare Ltd Below 40 Male					
Gamma GT	35.30	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.77	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	38				
Weight	75				
Gender	1				
eGFR	<b>H 137.99</b>	mL/minute/1.73 m2	39 - 137		
Uric Acid	6.1	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	96	mg/dL	70 - 100	Hexokinase	Serum

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





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**LIVER FUNCTION TEST (LFT) SERUM**

					Serum
SGPT(ALT)	27.20	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	
SGOT(AST)	32.10	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	104	U/L	40 - 129	PNP-Standardize	
Bilirubin Total	1.08	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	<b>H 0.34</b>	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.74	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.49	g/dL	6.40 - 8.20	Biuret Method	
Albumin	<b>H 4.97</b>	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.52	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.97	Ratio	0.90 - 2.80	Ratio	

EDTA Blood

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HbA1c (Glyco Hb)	5.38	%	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	114	mg/dL	80 - 140		
Blood Urea	<b>L 15.6</b>	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	7	mg/dL	6 - 20	Ureas with UV	
TOTAL T3*	1.150	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	8.340	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	<b>H 4.240</b>	uIU/mL	0.270 - 4.200	ECLIA.	

(\* ) Not in NABL Scope

\*\*End Of Report\*\*

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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Male

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Sample Type	Fasting				
Cholesterol Total	150.60	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	176.70	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	32.90	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	

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LDL Cholesterol (Direct)	99.80	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 35.34</b>	mg/dL	< 30	
LDL/HDL RATIO	3.03		< 3.50	Calculated
Cholesterol Total / HDL Ratio	<b>H 4.58</b>		< 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	5.0		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.010		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

**Chemical Examination:**

Reflectance photometer/Manual

U.Albumin	Nil
U.Glucose	Nil
U.Acetone	Absent
BS/BP	Absent

Dr. Kazumi Gondalia  
M.D (Path)





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**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\*\***



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Haematology					
ArcoFemi Healthcare Ltd Below 40 Male					
<b>CBC WITH ESR</b>					EDTA Blood
Haemoglobin	14.4	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	47.1	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.73	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	L 82.2	fl	83.0 - 101.0	Calculated	
MCH	L 25.1	pg	27.0 - 31.0	Calculated	
MCHC	L 30.6	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H 14.4	%	11.5 - 14.0	Calculated	
Platelet count	177000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	H 14	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6560.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	65	%	40.0 - 70.0		

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Lymphocytes	29	%	22 - 45
Eosinophils	02	%	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*	4264	/cumm	1800 - 7700
Absolute Lymphocyte count*	1902.4	/cumm	1000 - 4800
Absolute Eosinophil Count (AEC)	131.2	/cumm	0.0 - 450.0
Absolute Monocyte Count*	262.4	/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) 10 mm/hr 0 - 10

Modified westergren  
Method

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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Below 40 Male

EDTA Blood

**BLOOD GROUPING**

ABO Group	"B"			Tube Agglutination Method	
Rh Type	Positive				

\*\*End Of Report\*\*

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