



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient Name</b>	Mr. GOPAL KUMAR	<b>Lab No/ManualNo</b>	5017949/
<b>UHIDNo/IPNO</b>	300392627	<b>CollectionDate</b>	24/12/2022 11:18AM
<b>Age/Gender</b>	31 Years/Male	<b>Receiving Date</b>	24/12/2022 11:18AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	24/12/2022 12:28PM
<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					
Creatinine	0.74	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Uric Acid	4.9	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	97.8	mg/dL	70 - 100	Hexokinase	Serum
<b><u>LIVER FUNCTION TEST (LFT) SERUM</u></b>					
SGPT(ALT)	17.3	U/L	0 - 41	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	17.50	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	Serum
Alkaline Phosphatase	74.8	U/L	40 - 129	PNP-Standardize	Serum
Bilirubin Total	0.2	mg/dL	0.0 - 1.1	Diazo Method	Serum
Bilirubin Direct	0.1	mg/dL	0.0 - 0.2	Diazo Method	Serum
Bilirubin Indirect	0.10	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	Serum
Protein Total	8.2	g/dL	6.4 - 8.2	Biuret Method	Serum
Albumin	<b>H 5.11</b>	g/dL	3.97 - 4.95	BCG Endpoint	Serum
Globulin	3.1	g/dL	2.2 - 3.5		Serum
A/G Ratio	1.65	Ratio	0.90 - 2.80	Ratio	Serum
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	EDTA Blood
Mean Plasma Glucose	114.1	mg/dL	80 - 140		Serum
Blood Urea	18.4	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum



Dr. Kazumi Gondalia  
M.D (Path)



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BUN\* 8.60 mg/dL 6 - 20 Ureas with UV  
(\* Not in NABL Scope) \*\*End Of Report\*\*

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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Male

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	152.8	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	62.1	mg/dL	Less than 150 mg/dL 150-199 mg/dL Borderline High 200-499 mg/dL High 500 mg/dL or greater very High	Enzymatic colorimetric	
Cholesterol HDL	40.1	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	104.5	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	12.42	mg/dL	< 30		
LDL/HDL RATIO	2.61		< 4	Calculated	
Cholesterol Total / HDL Ratio	3.81		< 5	Calculated	

\*\*End Of Report\*\*



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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	24/12/2022 12:40PM
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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	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

**Chemical Examination:**

U.Albumin	Nil			Reflectance photometer/Manual	
U.Glucose	Nil				
U.Acetone	Absent				
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				

\*\*End Of Report\*\*



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



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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Male

**CBC WITH ESR**

Citrate Whole Blood, EDTA Blood

Haemoglobin	14.8	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	44.4	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	4.91	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	90.4	fl	83.0 - 101.0	Calculated	
MCH	30.1	pg	27.0 - 31.0	Calculated	
MCHC	33.3	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.7	%	11.5 - 14.0	Calculated	
Platelet count	292000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	10.1	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	9900	/cumm	4000 - 10500	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	48	%	40.0 - 70.0		
Lymphocytes	<b>H 46</b>	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	04	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	4752	/cumm	1800 - 7700		
Absolute Lymphocyte count*	4554	/cumm	1000 - 4800		
Absolute Eosinophil Count*	198	/cumm	40 - 450		
Absolute Monocyte Count*	396	/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)	05	mm/hr	0 - 10	Modified westergren Method	

\*\*End Of Report\*\*



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<b>Biochemistry/Immunology</b>					
ArcoFemi Healthcare Ltd Below 40 Male					
					Serum
TOTAL T3*	1.260	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	7.380	ug/dl	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.290	uIU/mL	0.270 - 4.200	ECLIA.	
(*) Not in NABL Scope		**End Of Report**			



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**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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