



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient Name</b>	Mr. SIDDHARTHA NIGAM	<b>Lab No/ManualNo</b>	5102133/
<b>UHIDNo/IPNO</b>	300404834	<b>CollectionDate</b>	04/04/2023 9:44AM
<b>Age/Gender</b>	35 Years/Male	<b>Receiving Date</b>	04/04/2023 10:00AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	04/04/2023 2:34PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final

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

ArcoFemi Healthcare Ltd Below 40 Male

Gamma GT*	39.90	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.94	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	35				
Weight	84				
Gender	1				
eGFR	130.32	mL/minute/1.73 m <sup>2</sup>	39 - 137		
Uric Acid	6.9	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	<b>H 134.3</b>	mg/dL	70 - 100	Hexokinase	Serum
Post prandial Glucose	139.9	mg/dL	70 - 140	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G.				

**LIVER FUNCTION TEST (LFT) SERUM**

SGPT(ALT)	28.40	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	23.80	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	99.0	U/L	40 - 129	PNP-Standardize	
Bilirubin Total	0.54	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	<b>H 0.21</b>	mg/dL	0.00 - 0.20	Diazo Method	



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Reg.No:G-14786  
Consultant Pathologist



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Bilirubin Indirect	0.33	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	4.95	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.67	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.85	Ratio	0.90 - 2.80	Ratio	
EDTA Blood					
HbA1c (Glyco Hb)	5.78	%	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	128.3	mg/dL	80 - 140		
Serum					
Blood Urea	33.5	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	
BUN*	15.65	mg/dL	6 - 20	Ureas with UV	

(\* ) Not in NABL Scope

\*\*End Of Report\*\*



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**Biochemistry**

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**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Sample Type	Fasting				
Cholesterol Total	183.80	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	160.20	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	Enzymatic colorimetric	
Cholesterol HDL	46.50	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	116.50	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 32.04</b>	mg/dL	< 30		
LDL/HDL RATIO	2.51		< 4	Calculated	
Cholesterol Total / HDL Ratio	3.95		< 5	Calculated	

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<b>Age/Gender</b>	35 Years/Male	<b>Receiving Date</b>	04/04/2023 10:19AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	04/04/2023 11:18AM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final

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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.Gluocse	Nil				

**Microscopic Examination**

Pus Cell	Occsaional		/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\*\***



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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Male

**CBC WITH ESR**

Citrate Whole Blood, EDTA Blood

Haemoglobin	15.0	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	43.8	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.52	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	<b>L 79.3</b>	fl	83.0 - 101.0	Calculated	
MCH	27.2	pg	27.0 - 31.0	Calculated	
MCHC	34.2	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.1	%	11.5 - 14.0	Calculated	
Platelet count	250000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	10.5	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6200	/cumm	4000 - 10500	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	60	%	40.0 - 70.0		
Lymphocytes	33	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	05	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	3720	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2046	/cumm	1000 - 4800		
Absolute Eosinophil Count*	124	/cumm	40 - 450		
Absolute Monocyte Count*	310	/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)	<b>H 11</b>	mm/hr	0 - 10	Modified westergren Method	



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



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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
<b>Biochemistry/Immunology</b>					
ArcoFemi Healthcare Ltd Below 40 Male					
					Serum
TOTAL T3*	1.120	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	7.620	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.010	uIU/mL	0.270 - 4.200	ECLIA.	

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**Immuno-Haematology**  
ArcoFemi Healthcare Ltd Below 40 Male

**BLOOD GROUPING**

ABO Group	"O"				EDTA Blood
Rh Type	Positive			Tube Agglutination Method	

\*\*End Of Report\*\*



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