



JCI (USA)

NABH  
OUR ACCREDITATIONS

**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. PARTH SHAH	<b>Lab No/ManualNo</b>	5267623/
<b>UHIDNo/IPNO</b>	300429718	<b>CollectionDate</b>	28/10/2023 9:49AM
<b>Age/Gender</b>	32 Years/Male	<b>Receiving Date</b>	28/10/2023 10:17AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	28/10/2023 1:49PM
<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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<b>Biochemistry</b>					
ArcoFemi Healthcare Ltd Below 40 Male					
Gamma GT	37.60	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	1.16	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	32				
Weight	98.2				
Gender	1.00				
eGFR	126.98	mL/minute/1.73 m2	39 - 137		
Uric Acid	<b>H 7.5</b>	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	<b>H 103.1</b>	mg/dL	70.0 - 100.0	Hexokinase	Serum
Post prandial Glucose	130.3	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)	40.00	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	
SGOT(AST)	25.50	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	65.5	U/L	40.0 - 129.0	PNP-Standardize	
Bilirubin Total	<b>H 1.89</b>	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	<b>H 0.43</b>	mg/dL	0.00 - 0.20	Diazo Method	



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Bilirubin Indirect	<b>H 1.46</b>	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.63	g/dL	6.40 - 8.20	Biuret Method	
Albumin	<b>H 5.01</b>	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.62	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.91	Ratio	0.90 - 2.80	Ratio	
EDTA Blood					
HbA1c (Glyco Hb)	5.84	%	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	130.5	mg/dL	80.0 - 140.0		
Serum					
Blood Urea	23.3	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	
BUN*	10.9	mg/dL	6.0 - 20.0	Ureas with UV	
Serum					
TOTAL T3*	1.050	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	6.550	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.750	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

Sample Type	Fasting				
Cholesterol Total	201.00	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	133.80	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	40.20	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	146.90	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	26.76	mg/dL	< 30		
LDL/HDL RATIO	<b>H 3.65</b>		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	<b>H 5.00</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	6			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				
U.Acetone	Nil				
BS/BP	Absent				

**Microscopic Examination**

				Microscopy	
Pus Cell	Occasional		/H.P.F.		
Red Blood Cell	3-4		/H.P.F.		
Epithelial cell	1-2		/H.P.F.		
Cast	Absent				
Crystals	Absent				
Amorphous	Absent				
Monilia	Absent				
Other:	Absent				

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<b>Haematology</b>					
ArcoFemi Healthcare Ltd Below 40 Male					
					EDTA Blood
<b>CBC WITH ESR</b>					
Haemoglobin	<b>H 18.5</b>	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	<b>H 54.6</b>	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	<b>H 6.07</b>	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	90.0	fl	83.0 - 101.0	Calculated	
MCH	30.5	pg	27.0 - 31.0	Calculated	
MCHC	33.9	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.5	%	11.5 - 14.0	Calculated	
Platelet count	266000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	8110.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	56	%	40.0 - 70.0		
Lymphocytes	37	%	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		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	4541.6	/cumm	1800 - 7700		
Absolute Lymphocyte count*	3000.7	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	162.2	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	405.5	/cumm	0 - 800		
Peripheral Smear Study	RBCs shows Erythrocytosis(+).Platelets are adequate in number.Malarial Parasites are not seen.No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	05	mm/hr	0 - 30	Modified westergren Method	

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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Below 40 Male

**BLOOD GROUPING**

EDTA Blood

ABO Group	"B"			Tube Agglutination Method	
Rh Type	Positive				

\*\*End Of Report\*\*



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