



JCI (USA)



NABH  
OUR ACCREDITATIONS

**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. SREERAJ NAIR	<b>Lab No/ManualNo</b>	5297917/
<b>UHIDNo/IPNO</b>	300433869	<b>CollectionDate</b>	09/12/2023 8:26AM
<b>Age/Gender</b>	38 Years/Male	<b>Receiving Date</b>	09/12/2023 11:11AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	09/12/2023 12:07PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Biochemistry					
ArcoFemi Healthcare Ltd Below 40 Male					
Gamma GT	19.20	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	1.06	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	38				
Weight	83				
Gender	1.00				
eGFR	110.93	mL/minute/1.73 m2	39 - 137		
Uric Acid	5.8	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	85.6	mg/dL	< 100.0	Hexokinase	Serum
<b>As per ADA Guideline</b>					
<b>For Fasting Plasma Glucose</b>					
Normal : Less than 100 mg/dL					
Prediabetes : 100 mg/dL to 125 mg/dL					
Diabetes : 126 mg/dL or Higher					
<b>For 2 hrs Plasma Glucose after 75 Gms Glucose load</b>					
Normal : Less than 140 mg/dL					
Prediabetes : 140 to 199 mg/dL					
Diabetes : 200 mg/dL or higher					
<b>For Random Plasma Glucose</b>					
Diabetes is diagnosed at blood glucose greater than or equal to 200 mg/dL					
Post prandial Glucose	79.8	mg/dL	< 140.0	Hexokinase	Serum

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



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Post prandial Urine Glucose S.N.G. = Sample Not Given

**As per ADA Guideline**

**For Fasting Plasma Glucose**

Normal : Less than 100 mg/dL

Prediabetes : 100 mg/dL to 125 mg/dL

Diabetes : 126 mg/dL or Higher

**For 2 hrs Plasma Glucose after 75 Gms Glucose load**

Normal : Less than 140 mg/dL

Prediabetes : 140 to 199 mg/dL

Diabetes : 200 mg/dL or higher

**For Random Plasma Glucose**

Diabetes is diagnosed at blood glucose greater than or equal to 200 mg/dL

**LIVER FUNCTION TEST (LFT) SERUM**

Test Name	Result	Unit	Reference Range	Method	Specimen
SGPT(ALT)	22.20	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	18.50	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	Serum
Alkaline Phosphatase	75.7	U/L	40.0 - 129.0	PNP-Standardize	Serum
Bilirubin Total	0.37	mg/dL	0.00 - 1.10	Diazo Method	Serum
Bilirubin Direct	0.15	mg/dL	0.00 - 0.20	Diazo Method	Serum
Bilirubin Indirect	0.22	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	Serum
Protein Total	7.29	g/dL	6.40 - 8.20	Biuret Method	Serum
Albumin	4.53	g/dL	3.97 - 4.95	BCG Endpoint	Serum
Globulin	2.76	g/dL	2.20 - 3.50	Calculated	Serum
A/G Ratio	1.64	Ratio	0.90 - 2.80	Ratio	Serum
Blood Urea	28.0	mg/dL	16.6 - 48.5	Urease, Kinetic, GLDH	Serum
BUN*	13.1	mg/dL	6.0 - 20.0	Ureas with UV	Serum
TOTAL T3*	1.120	ng/mL	0.850 - 2.020	ECLIA.	Serum

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TOTAL T4*	7.230	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	2.120	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

EDTA Blood

HbA1c (Glyco Hb)	5.32	%	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	112.3	mg/dL	80.0 - 140.0		

\*\*End Of Report\*\*



Dr. Shreya Dineshbhai Patel

Reg.No.:-G-26728

Consultant Pathologist



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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Male

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	182.90	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	90.80	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	GPO-PAP	
HDL Cholesterol	40.90	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	144.40	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	
VLDL Cholesterol	18.16	mg/dL	< 30	Calculated	
LDL/HDL RATIO	<b>H 3.53</b>		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	4.47		< 4.50		

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		<b>Sample Quality</b>	

\*\*End Of Report\*\*



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<b>Age/Gender</b>	38 Years/Male	<b>Receiving Date</b>	09/12/2023 8:40AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	09/12/2023 10:51AM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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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	6.0		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.015		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

**Chemical Examination:**

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

\*\*End Of Report\*\*

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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	09/12/2023 10:59AM
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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Male

**CBC WITH ESR**

EDTA Blood

Haemoglobin	15.3	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	46.6	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.19	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	89.8	fl	83.0 - 101.0	Calculated	
MCH	29.5	pg	27.0 - 31.0	Calculated	
MCHC	32.8	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.0	%	11.5 - 14.0	Calculated	
Platelet count	210000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.9	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6200.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	50	%	40.0 - 70.0		
Lymphocytes	36	%	22 - 45		
Eosinophils	<b>H 09</b>	%	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*	3100	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2232	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	<b>H 558.0</b>	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	310	/cumm	0 - 800		
Peripheral Smear Study	RBCs are Normochromic & Normocytic.WBCs shows Mild Eosinophilia. Platelets are adequate in number.Malarial Parasites are not seen. No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	07	mm/hr	0 - 10	Photometric capillary stopped flow kinetic	

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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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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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