



JCI (USA)



OUR ACCREDITATIONS

DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mr. SANTOSHKUMAR PANDA	Lab No/ManualNo	5096184/
UHIDNo/IPNO	300403950	CollectionDate	28/03/2023 1:19PM
Age/Gender	37 Years/Male	Receiving Date	28/03/2023 1:19PM
Bed No/Ward	OPD	Report Date	28/03/2023 5:17PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	Normal

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

ArcoFemi Healthcare Ltd Below 40 Male

Gamma GT*	16.40	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.73	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Uric Acid	6.4	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum

LIVER FUNCTION TEST (LFT) SERUM

SGPT(ALT)	15.50	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	17.50	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	87.6	U/L	40 - 129	PNP-Standardize	
Bilirubin Total	0.41	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	0.15	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.26	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	8.10	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.91	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	3.19	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.54	Ratio	0.90 - 2.80	Ratio	

EDTA Blood

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



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HbA1c (Glyco Hb)	8.78	%	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	H 235.3	mg/dL	80 - 140	
Blood Urea	L 14.0	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	6.54	mg/dL	6 - 20	Ureas with UV

Serum

(*) Not in NABL Scope

End Of Report

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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Male

Fasting Glucose

94.5

mg/dL

70 - 100

Hexokinase

Serum

End Of Report

Dr. Kazumi Gondalia

M.D (Path)

Reg.No.: G-21729



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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 Type	Fasting			
Cholesterol Total	168.40	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	200.00	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	46.60	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic
LDL Cholesterol (Direct)	108.80	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	H 40	mg/dL	< 30	
LDL/HDL RATIO	2.33		< 4	Calculated
Cholesterol Total / HDL Ratio	3.61		< 5	Calculated

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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:

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			

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Haematology

ArcoFemi Healthcare Ltd Below 40 Male

CBC WITH ESR

Citrate Whole Blood, EDTA Blood

Haemoglobin	14.9	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	46.4	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.49	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	84.5	fl	83.0 - 101.0	Calculated	
MCH	27.1	pg	27.0 - 31.0	Calculated	
MCHC	32.1	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.3	%	11.5 - 14.0	Calculated	
Platelet count	180000	/cumm	150000 - 450000	H.focusing impedance	
Total Leucocyte Count (TLC)	7850	/cumm	4000 - 10500	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	42	%	40.0 - 70.0		
Lymphocytes	H 52	%	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*	3297	/cumm	1800 - 7700		
Absolute Lymphocyte count*	4082	/cumm	1000 - 4800		
Absolute Eosinophil Count*	157	/cumm	40 - 450		
Absolute Monocyte Count*	314	/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)	08	mm/hr	0 - 10	Modified westergren Method	

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Biochemistry/Immunology

ArcoFemi Healthcare Ltd Below 40 Male

Serum

TOTAL T3*	1.090	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	6.470	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	1.480	uIU/mL	0.270 - 4.200	ECLIA.

(*) Not in NABL Scope

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Immuno-Haematology

ArcoFemi Healthcare Ltd Below 40 Male

BLOOD GROUPING

EDTA Blood

ABO Group

"O"

Tube Agglutination Method

Rh Type

Negative

End Of Report

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