



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mr. AMIT .	RIS No/ManualNo	5205922/
UHIDNo/IPNO	300420034	CollectionDate	12/08/2023 8:28AM
Age/Gender	29 Years/Male	Receiving Date	12/08/2023 8:47AM
Bed No/Ward	OPD	Report Date	12/08/2023 10:47AM
Referred By	Dr. Casualty Medical Officer	Report Status	Final

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry ArcoFemi Healthcare Ltd Below 40 Male					
Gamma GT	16.50	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.87	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	29				
Weight	73.8				
Gender	1				
eGFR	130.78	mL/minute/1.73 m2	94 - 140		
Uric Acid	4.6	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 109	mg/dL	70 - 100	Hexokinase	Serum

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





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LIVER FUNCTION TEST (LFT) SERUM

Serum

SGPT(ALT)	H 43.80	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate
SGOT(AST)	22.50	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	89	U/L	40 - 129	PNP-Standardize
Bilirubin Total	0.59	mg/dL	0.00 - 1.10	Diazo Method
Bilirubin Direct	0.19	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.40	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.37	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.57	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.80	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.63	Ratio	0.90 - 2.80	Ratio

EDTA Blood

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HbA1c (Glyco Hb)	5.64	%	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	123	mg/dL	80 - 140	
Blood Urea	16.8	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH Serum
BUN*	8	mg/dL	6 - 20	Ureas with UV
TOTAL T3*	1.470	ng/mL	0.850 - 2.020	ECLIA. Serum
TOTAL T4*	9.040	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	1.330	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

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Sample Type	Fasting				
Cholesterol Total	181.50	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	116.90	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	40.30	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	



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LDL Cholesterol (Direct)	124.50	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	23.38	mg/dL	< 30	
LDL/HDL RATIO	3.09		< 3.50	Calculated
Cholesterol Total / HDL Ratio	4.50		< 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:	Slightly turbid			Visual method	
Reaction	7.0		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.005		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

Reflectance photometer/Manual

U.Albumin	Nil				
U.Glucose	Absent				
U.Acetone	Absent				
BS/BP	Absent				



Dr. Kazumi Gondalia
M.D (Path)





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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	

****End Of Report****



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





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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Haematology					
ArcoFemi Healthcare Ltd Below 40 Male					
CBC WITH ESR					EDTA Blood
Haemoglobin	15.7	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	47.5	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.38	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	88.3	fl	83.0 - 101.0	Calculated	
MCH	29.2	pg	27.0 - 31.0	Calculated	
MCHC	33.1	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.6	%	11.5 - 14.0	Calculated	
Platelet count	248000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	12	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	8370.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	50	%	40.0 - 70.0		

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Lymphocytes	33	%	22 - 45
Eosinophils	H 10	%	1.0 - 4.0
Monocytes	H 07	%	1.0 - 6.0
Basophils	00	%	0.0 - 1.0
Immature Granulocytes	00	%	0 - 2

Absolute Leucocyte Count

Absolute Neutrophil Count*	4185	/cumm	1800 - 7700
Absolute Lymphocyte count*	2762.1	/cumm	1000 - 4800
Absolute Eosinophil Count (AEC)	H 837.0	/cumm	0.0 - 450.0
Absolute Monocyte Count*	585.9	/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.

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Erythrocyte Sedimentation Rate (ESR) 8 mm/hr 0 - 10 Modified westergren Method

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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				

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