



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mr. RAJESH VANDAR	Lab No/ManualNo	5005545/
UHIDNo/IPNO	300391009	CollectionDate	10/12/2022 1:20PM
Age/Gender	35 Years/Male	Receiving Date	10/12/2022 1:21PM
Bed No/Ward	OPD	Report Date	10/12/2022 4:31PM
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					
Creatinine	0.75	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Uric Acid	5.0	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 108.4	mg/dL	70 - 100	Hexokinase	Serum
Post prandial Glucose	108.4	mg/dL	70 - 140	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G.				
LIVER FUNCTION TEST (LFT) SERUM					
SGPT(ALT)	H 60.1	U/L	0 - 41	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	33.10	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	90.6	U/L	38.0 - 126.0	PNP-Standardize	
Bilirubin Total	H 1.2	mg/dL	0.0 - 1.1	Diazo Method	
Bilirubin Direct	0.3	mg/dL	0.0 - 0.3	Diazo Method	
Bilirubin Indirect	0.90	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.8	g/dL	6.4 - 8.2	Biuret Method	
Albumin	H 5.0	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.8	g/dL	2.2 - 3.5		
A/G Ratio	1.79	Ratio	1.50 - 2.50	Ratio	
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	EDTA Blood



Dr. Kazumi Gondalia
M.D (Path)



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Mean Plasma Glucose	123.5	mg/dL	80 - 140		
Blood Urea	22.7	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	10.61	mg/dL	6 - 20	Ureas with UV	
(*) 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	253.0	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	319.1	mg/dL	Less than 150 mg/dL 150-199 mg/dL Borderline High 200-499 mg/dL High 500 mg/dL or greater very High	Enzymatic colorimetric	
Cholesterol HDL	48.1	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	185.5	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 63.82	mg/dL	< 30		
LDL/HDL RATIO	H 3.86		< 4	Calculated	
Cholesterol Total / HDL Ratio	H 5.26		< 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	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.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				

End Of Report



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



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Haematology

ArcoFemi Healthcare Ltd Below 40 Male

Citrate Whole Blood, EDTA Blood

CBC WITH ESR

Haemoglobin	16.9	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	51.8	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	H 6.25	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	L 82.9	fl	83.0 - 101.0	Calculated	
MCH	27.0	pg	27.0 - 31.0	Calculated	
MCHC	32.6	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.6	%	11.5 - 14.0	Calculated	
Platelet count	335000	/cumm	150000 - 450000	H.focusing impedance	
Total Leucocyte Count (TLC)	7490	/cumm	4000 - 10500	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	58	%	40.0 - 70.0		
Lymphocytes	31	%	22 - 45		
Eosinophils	H 05	%	1.0 - 4.0		
Monocytes	06	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	4344.2	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2321.9	/cumm	1000 - 4800		
Absolute Eosinophil Count*	374.5	/cumm	40 - 450		
Absolute Monocyte Count*	449.4	/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)	10	mm/hr	0 - 10	Modified westergren Method	

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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry/Immunology					
ArcoFemi Healthcare Ltd Below 40 Male					
					Serum
TOTAL T3*	1.24	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	8.08	ug/dl	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	H 4.900	mIU/mL	0.270 - 4.200	ECLIA.	
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Immuno-Haematology

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EDTA Blood

BLOOD GROUPING

ABO Group

"B"

Tube Agglutination Method

Rh Type

Positive

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