



DEPARTMENT OF LABORATORY SERVICES

Patient	Mr. VIVEK SAJWAN	Lab No/ManualNo	5332798/
UHIDNo/IPNO	300438788	CollectionDate	17/01/2024 9:58AM
Age/Gender	34 Years/Male	Receiving Date	17/01/2024 10:21AM
Bed No/Ward	OPD	Report Date	17/01/2024 6:04PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Biochemistry					
ArcoFemi Healthcare Ltd Below 40 Male					
Serum					
Gamma GT	H 101.00	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.76	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	34				
Weight	88				
Gender	1				
eGFR	H 170.47	mL/minute/1.73 m2	39 - 137		Serum
Uric Acid	5.7	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 114.0	mg/dL	< 100.0	Hexokinase	Serum
As per ADA Guideline					
Normal : Less than 100 mg/dL					
Prediabetes : 100 mg/dL to 125 mg/dL					
Diabetes : 126 mg/dL or Higher					

***LIVER FUNCTION TEST (LFT) SERUM**

Serum



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



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SGPT(ALT)	H 91.30	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	
SGOT(AST)	H 60.00	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	H 140.1	U/L	40.0 - 129.0	PNP-Standardize	
Bilirubin Total	0.49	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	H 0.22	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.27	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.29	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.43	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.86	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.55	Ratio	0.90 - 2.80	Ratio	
					EDTA Blood
HbA1c (Glyco Hb)	6.29	%	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 146.5	mg/dL	80.0 - 140.0		Serum
Blood Urea	L 13.3	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	
BUN*	6.2	mg/dL	6.0 - 20.0	Ureas with UV	Serum

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TOTAL T3*	1.730	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	12.030	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	1.180	uIU/mL	0.270 - 4.200	ECLIA.

(*) Not in NABL Scope

End Of Report

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Age/Gender	34 Years/Male	Receiving Date	17/01/2024 3:48PM
Bed No/Ward	OPD	Report Date	17/01/2024 6:04PM
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		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Biochemistry					
ArcoFemi Healthcare Ltd Below 40 Male					
Serum					
Post prandial Glucose	122.8	mg/dL	< 140.0	Hexokinase	
Post prandial Urine Glucose	SNG				
As per ADA Guideline					
Normal : Less than 100 mg/dL					
Prediabetes : 100 mg/dL to 125 mg/dL					
Diabetes : 126 mg/dL or Higher					

(*) Not in NABL Scope

End Of Report

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



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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Male

***LIPID PROFILE (WITH DIRECT LDL**

Serum

Sample Type	Fasting				
Cholesterol Total	207.60	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	201.20	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	25.30	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	148.00	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	H 40.24	mg/dL	< 30	Calculated	
LDL/HDL RATIO	H 5.85		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	H 8.21		< 4.50		

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		Sample Quality	

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Bed No/Ward	OPD	Report Date	17/01/2024 2:13PM
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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Clinical Pathology

ArcoFemi Healthcare Ltd Below 40 Male

***STOOL ROUTINE**

Stool, Urine

Physical Examination:

Colour	Pale Yellow		
Consistency	Semi Solid		
Mucus	Absent	Absent	

Chemical Examination:

Stool Occult Blood	Negative	Negative	Non-Benzidine Test /Manual/Strip
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Microscopic Examination

Pus Cells	Nil	0-5	Microscopy
Red Blood Cell	Nil	/H.P.F.	
Epithelial cell	Nil	/H.P.F.	
Fat Globules	Absent	Absent	
Trophozoites	Absent	Absent	
ova	Absent	Absent	
Cysts	Absent	Absent	
Bacteria	Absent		

(*) Not in NABL Scope

End Of Report

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MC - 3049



JCI (USA)



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Bed No/Ward	OPD	Report Date	17/01/2024 2:13PM
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		Sample Quality	Normal

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:	Slightly Hazy			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.Glucose	Present(++++)				
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**

EDTA Blood

Haemoglobin	14.4	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	44.8	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.05	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	88.7	fl	83.0 - 101.0	Calculated	
MCH	28.5	pg	27.0 - 31.0	Calculated	
MCHC	32.1	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.8	%	11.5 - 14.0	Calculated	
Platelet count	302000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	11.1	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	8320.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	L 31	%	40 - 70		
Lymphocytes	H 64	%	22 - 45		
Eosinophils	01	%	1 - 4		
Monocytes	04	%	1 - 6		
Basophils	00	%	0 - 1		
Immature Granulocytes	00	%	0 - 2		

Absolute Leucocyte Count

Absolute Neutrophil Count*	2579.2	/cumm	1800 - 7700
Absolute Lymphocyte count*	H 5324.8	/cumm	1000 - 4800
Absolute Eosinophil Count (AEC)	83.2	/cumm	0.0 - 450.0
Absolute Monocyte Count*	332.8	/cumm	0 - 800

Peripheral Smear Study

RBCs are Normochromic & Normocytic. WBCs Shows Lymphocytosis. Platelets are adequate in number.
Malarial Parasites are not seen. No Premature cells are seen.



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Erythrocyte Sedimentation Rate (ESR) **H 35** mm/hr 0 - 10 Photometric capillary stopped flow kinetic

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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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