



JCI (USA)

NABH
OUR ACCREDITATIONS

DEPARTMENT OF LABORATORY SERVICES

Patient	Mr. VISHAL AGRAWAL	Lab No/ManualNo	5329748/
UHIDNo/IPNO	300435761	CollectionDate	13/01/2024 10:08AM
Age/Gender	36 Years/Male	Receiving Date	13/01/2024 10:22AM
Bed No/Ward	OPD	Report Date	13/01/2024 3:28PM
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	17.90	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.97	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	36				
Weight	79.5				
Gender	1.00				
eGFR	118.38	mL/minute/1.73 m ²	39 - 137		
Uric Acid	5.1	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	94.0	mg/dL	< 100.0	Hexokinase	Serum

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

Serum

Dr. Jitendra Narendrabhai Nayak

Reg.No:G-14786

Consultant Pathologist



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SGPT(ALT)	21.60	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate
SGOT(AST)	16.60	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	87.3	U/L	40.0 - 129.0	PNP-Standardize
Bilirubin Total	H 1.27	mg/dL	0.00 - 1.10	Diazo Method
Bilirubin Direct	H 0.36	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.91	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	4.80	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.57	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.87	Ratio	0.90 - 2.80	Ratio

HbA1c (Glyco Hb)	5.78	%	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	EDTA Blood
Mean Plasma Glucose	128.3	mg/dL	80.0 - 140.0		
Blood Urea	36.4	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	17.0	mg/dL	6.0 - 20.0	Ureas with UV	

(*) Not in NABL Scope

End Of Report

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Biochemistry
ArcoFemi Healthcare Ltd Below 40 Male

Serum

Post prandial Glucose	121.8	mg/dL	< 140.0	Hexokinase	
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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

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For Random Plasma Glucose

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

TOTAL T3*	1.550	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	8.480	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	H 4.730	uIU/mL	0.270 - 4.200	ECLIA.	

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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
Sample Type	Fasting				
Cholesterol Total	166.60	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	83.90	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	GPO-PAP	
HDL Cholesterol	40.10	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	122.70	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	16.78	mg/dL	< 30	Calculated	
LDL/HDL RATIO	3.06		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	4.15		< 4.50		

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Clinical Pathology

ArcoFemi Healthcare Ltd Below 40 Male

Stool, Urine

STOOL ROUTINE

Physical Examination:

Colour	Brownish		
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		

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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	5			Reflectance photometer	
Sp. Gravity	1.025		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Nil			Reflectance photometer/Manual	
U.Gluocse	Nil				
U.Acetone	Present(+)				
BS/BP	Absent				

Microscopic Examination

				Microscopy	
Pus Cell	Occasional		/H.P.F.		
Red Blood Cell	1-2		/H.P.F.		
Epithelial cell	1-2		/H.P.F.		
Cast	Absent				
Crystals	Calcium Oxalate				
Amorphous	Absent				
Monilia	Absent				
Other:	Absent				

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Haematology

ArcoFemi Healthcare Ltd Below 40 Male

EDTA Blood

CBC WITH ESR

Haemoglobin	15.8	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	48.5	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	4.82	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	100.6	fl	83.0 - 101.0	Calculated	
MCH	H 32.8	pg	27.0 - 31.0	Calculated	
MCHC	32.6	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H 14.1	%	11.5 - 14.0	Calculated	
Platelet count	226000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	11.3	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6790.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	66	%	40.0 - 70.0		
Lymphocytes	26	%	22 - 45		
Eosinophils	03	%	1.0 - 4.0		
Monocytes	05	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	4481.4	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1765.4	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	203.7	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	339.5	/cumm	0 - 800		
Peripheral Smear Study	RBCs shows Anisocytosis(+). Platelets are adequate in number. Malarial Parasites are not seen.No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	H 11	mm/hr	0 - 10	Photometric capillary stopped flow kinetic	

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Immuno-Haematology

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BLOOD GROUPING

EDTA Blood

ABO Group	"B"			Tube Agglutination Method	
Rh Type	Positive				

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