



JCI (USA)

OUR ACCREDITATIONS

DEPARTMENT OF LABORATORY SERVICES

Patient	Mr. KRISHNA KUMAR	Lab No/ManualNo	5411539/
UHIDNo/IPNO	300449888	CollectionDate	13/04/2024 9:29AM
Age/Gender	33 Years/Male	Receiving Date	13/04/2024 10:06AM
Bed No/Ward	OPD	Report Date	13/04/2024 3:01PM
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

					Serum
Gamma GT	H 121.60	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.90	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	
Age	33				
Weight	80				
Gender	1				
eGFR	132.1	mL/minute/1.73 m2	39 - 137		Serum
Uric Acid	5.8	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	92.9	mg/dL	< 100.0	Hexokinase	

Dr. Kazumi Gondalia

M.D (Path)

Reg.No.: G-21729



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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

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

SGPT(ALT)	H 43.60	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate
SGOT(AST)	27.30	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	H 160.8	U/L	40.0 - 129.0	PNP-Standardize
Bilirubin Total	0.75	mg/dL	0.00 - 1.10	Diazo Method
Bilirubin Direct	0.19	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.56	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.98	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.66	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	3.32	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.40	Ratio	0.90 - 2.80	Ratio

EDTA Blood

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HbA1c (Glyco Hb)	5.10	%	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	103.0	mg/dL	80.0 - 140.0	Serum
Blood Urea	20.1	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	9.4	mg/dL	6.0 - 20.0	Ureas with UV
				Serum
TOTAL T3*	1.250	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	7.060	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	H 7.560	uIU/mL	0.270 - 4.200	ECLIA.

(* Not in NABL Scope)

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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Male

Serum

Post prandial Glucose	84.6	mg/dL	< 140.0	Hexokinase	
Post prandial Urine Glucose	S.N.G. = Sample Not Given				

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

End Of Report



Dr. Vijati Chetanbhai Vithlani
MBBS+MD Pathology
Pathologist (Reg. No:- G-37173)



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Biochemistry

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LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	226.60	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	311.90	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	35.20	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	138.30	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 62.38	mg/dL	< 30	Calculated	
LDL/HDL RATIO	H 3.93		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	H 6.44		< 4.50		

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Clinical Pathology

ArcoFemi Healthcare Ltd Below 40 Male

STOOL ROUTINE

Stool, Urine

Physical Examination:

Colour	Brownish		
Consistency	Solid		
Mucus	Absent	Absent	

Chemical Examination:

Stool Occult Blood	Negative	Negative	Non-Benzidine Test /Manual/Strip
			Microscopy

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

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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	1.010		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	occational		/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	14.8	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	45.7	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.01	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	91.2	fl	83.0 - 101.0	Calculated	
MCH	29.5	pg	27.0 - 31.0	Calculated	
MCHC	32.4	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H 14.1	%	11.5 - 14.0	Calculated	
Platelet count	194000	/cumm	150000 - 410000	H.focusing impedance	
Total Leucocyte Count (TLC)	5290.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	55	%	40 - 70		
Lymphocytes	35	%	22 - 45		
Eosinophils	H 05	%	1 - 4		
Monocytes	05	%	1 - 6		
Basophils	00	%	0 - 1		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	2909.5	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1851.5	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	264.5	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	264.5	/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)	06	mm/hr	0 - 30	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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