



DEPARTMENT OF LABORATORY SERVICES

Patient	Ms. DIVYA DWIVEDI	Lab No/ManualNo	5391695/
UHIDNo/IPNO	300447137	CollectionDate	22/03/2024 9:47AM
Age/Gender	32 Years/Female	Receiving Date	22/03/2024 10:09AM
Bed No/Ward	OPD	Report Date	22/03/2024 2:38PM
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 Female

					Serum
Gamma GT	7.20	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.58	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age	32				
Weight	82.3				
Gender	0.85				
eGFR	H 180.92	mL/minute/1.73 m2	71 - 140		Serum
Uric Acid	3.1	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	97.1	mg/dL	< 100.0	Hexokinase	

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



JCI (USA)

OUR ACCREDITATIONS

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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

Serum

Post prandial Glucose	87.7	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

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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)	10.80	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	15.80	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate

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Alkaline Phosphatase	60.3	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.34	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.15	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.19	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	6.95	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.49	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.46	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.83	Ratio	0.90 - 2.80	Ratio

EDTA Blood

HbA1c (Glyco Hb)	5.20	%	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	109.0	mg/dL	80.0 - 140.0	

Serum

Blood Urea	L 15.7	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	7.3	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.160	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	6.350	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	H 6.660	uIU/mL	0.270 - 4.200	ECLIA.



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(*) Not in NABL Scope

End Of Report



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Biochemistry

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LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	160.10	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	69.50	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	56.00	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	97.30	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	13.9	mg/dL	< 30	Calculated	
LDL/HDL RATIO	1.74		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	2.86		< 4.50		

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Clinical Pathology

ArcoFemi Healthcare Ltd Below 40 Female

URINE ROUTINE EXAMINATION

Urine

Physical Examination:

Quantity	30 ml			Visual method
Colour	Pale Yellow			Visual method
Appearance:	Clear			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:

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			
Other:	Absent			

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Haematology

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CBC WITH ESR

EDTA Blood

Haemoglobin	L 12.3	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	37.3	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	L 4.17	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	89.4	fl	83.0 - 101.0	Calculated	
MCH	29.5	pg	27.0 - 31.0	Calculated	
MCHC	33.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.3	%	11.5 - 14.0	Calculated	
Platelet count	359000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	11.2	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6620.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	62	%	40 - 70		
Lymphocytes	30	%	22 - 45		
Eosinophils	02	%	1 - 4		
Monocytes	06	%	1 - 6		
Basophils	00	%	0 - 1		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	4104.4	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1986	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	132.4	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	397.2	/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)	H 15	mm/hr	0 - 12	Photometric capillary stopped flow kinetic	

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Immuno-Haematology

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BLOOD GROUPING

EDTA Blood

ABO Group	"O"			Tube Agglutination Method	
Rh Type	Positive				

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