



DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. NIRU MISHRA	Lab No/ManualNo	5370605/
UHIDNo/IPNO	300444035	CollectionDate	28/02/2024 9:35AM
Age/Gender	32 Years/Female	Receiving Date	28/02/2024 9:44AM
Bed No/Ward	OPD	Report Date	28/02/2024 3:59PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry					
ArcoFemi Healthcare Ltd Below 40 Female					
					Serum
Gamma GT	7.20	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.60	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age	32				
Weight	62				
Gender	0.85				
eGFR	131.75	mL/minute/1.73 m2	71 - 140		Serum
Uric Acid	3.7	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	95.0	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

Serum

Post prandial Glucose 84.9 mg/dL < 140.0 Hexokinase

As per ADA Guideline

For Fasting Plasma Glucose

Normal : Less than 100 mg/dL

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LIVER FUNCTION TEST (LFT) SERUM

Serum

SGPT(ALT)	16.70	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	18.20	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	96.6	U/L	35.0 - 140.0	PNP-Standardize

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Bilirubin Total	0.62	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct	H 0.27	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.35	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.63	g/dL	6.40 - 8.20	Biuret Method	
Albumin	H 4.96	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.67	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.86	Ratio	0.90 - 2.80	Ratio	
					EDTA Blood
HbA1c (Glyco Hb)	4.81	%	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	94.0	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*	1.290	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	8.220	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	H 6.970	uIU/mL	0.270 - 4.200	ECLIA.	

(*) Not in NABL Scope

End Of Report

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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	95.10	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	81.40	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	40.70	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	45.10	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	16.28	mg/dL	< 30	Calculated	
LDL/HDL RATIO	1.11		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	2.34		< 4.50		

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Age/Gender	32 Years/Female	Receiving Date	28/02/2024 9:46AM
Bed No/Ward	OPD	Report Date	28/02/2024 11:15AM
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 Female

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	1.010		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Nil			Reflectance photometer/Manual	
U.Glucose	Nil				
U.Acetone	Nil				
BS/BP	Absent				

Microscopic Examination

Pus Cell	4-6		/H.P.F.	Microscopy	
Red Blood Cell	4-6		/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 10.8	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	L 34.6	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	L 3.61	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	95.8	fl	83.0 - 101.0	Calculated	
MCH	29.9	pg	27.0 - 31.0	Calculated	
MCHC	L 31.2	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H 16.3	%	11.5 - 14.0	Calculated	
Platelet count	L 126000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	H 13.7	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	4350.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	70	%	40.0 - 70.0		
Lymphocytes	24	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	04	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		

Absolute Leucocyte Count

Absolute Neutrophil Count*	3045	/cumm	1800 - 7700
Absolute Lymphocyte count*	1044	/cumm	1000 - 4800
Absolute Eosinophil Count (AEC)	87.0	/cumm	0.0 - 450.0
Absolute Monocyte Count*	174	/cumm	0 - 800

Peripheral Smear Study

RBCs are Normochromic & Normocytic. Platelets are adequate in number & Giant platelets are seen.
Platelets On Smear :- 1,50,000/cmm. Malarial Parasites are not seen. No Premature cells are seen.



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Erythrocyte Sedimentation Rate (ESR) 02 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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