



JCI (USA)

OUR ACCREDITATIONS

DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. BHUMIKA U MAITRAY	Lab No/ManualNo	5376846/
UHIDNo/IPNO	300444840	CollectionDate	06/03/2024 9:45AM
Age/Gender	33 Years/Female	Receiving Date	06/03/2024 10:08AM
Bed No/Ward	OPD	Report Date	06/03/2024 4:05PM
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	16.90	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	L 0.49	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age	33				
Weight	64				
Gender	0.85				
eGFR	H 164.99	mL/minute/1.73 m ²	71 - 140		Serum
Uric Acid	4.0	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 143.0	mg/dL	< 100.0	Hexokinase	

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Bilirubin Total	0.33	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.14	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	6.68	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.50	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	L 2.18	g/dL	2.20 - 3.50	Calculated
A/G Ratio	2.06	Ratio	0.90 - 2.80	Ratio

EDTA Blood

HbA1c (Glyco Hb)	8.23	%	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
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Mean Plasma Glucose	H 215.8	mg/dL	80.0 - 140.0
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Serum

Blood Urea	18.2	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	8.5	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.230	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	7.710	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	1.970	uIU/mL	0.270 - 4.200	ECLIA.

(*) 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	153.50	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	181.20	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	31.50	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	104.10	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	H 36.24	mg/dL	< 30	Calculated	
LDL/HDL RATIO	3.30		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	H 4.87		< 4.50		

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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:	Clear			Visual method	
Reaction	7.0		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	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

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CBC WITH ESR

EDTA Blood

Haemoglobin	13.1	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	39.3	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.60	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	85.4	fl	83.0 - 101.0	Calculated	
MCH	28.5	pg	27.0 - 31.0	Calculated	
MCHC	33.3	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.6	%	11.5 - 14.0	Calculated	
Platelet count	283000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	10.5	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5540.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	50	%	40.0 - 70.0		
Lymphocytes	44	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	04	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	2770	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2437.6	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	110.8	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	221.6	/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.				

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Immuno-Haematology

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BLOOD GROUPING

EDTA Blood

ABO Group	"A"			Tube Agglutination Method	
Rh Type	Positive				

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