MarengoCIMS Hospital

5099658

JCI (USA) · NABH · OUR ACCREDITATIONS

DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mrs. AARTI SAHU	**Lab No/ManualNo**	5099658/
UHIDNo/IPNO	300404489	**CollectionDate**	01/04/2023 8:18AM
Age/Gender	25 Years/Female	**Receiving Date**	01/04/2023 8:28AM
Bed No/Ward	OPD	**Report Date**	01/04/2023 1:41PM
Referred By	Dr. Casualty Medical Officer	**Report Status**	Final
		Sample Quality	Normal

Test Name		Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry						
ArcoFemi Healthcare Ltd Below 40 Female						
						Serum
Gamma GT*		32.10	U/L	6.00 - 42.00	Enzymatic method	
						Serum
Creatinine	L	**0.45**	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	
Age		25.0				
Weight		62.0				
Gender		0.85				
eGFR	H	**187.05**	mL/minute/1.73 m2	72 - 110		
						Serum
Uric Acid		3.1	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	
						Serum
Fasting Glucose		87.1	mg/dL	70 - 100	Hexokinase	
LIVER FUNCTION TEST (LFT) SERUM						Serum
SGPT(ALT)		18.30	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	
SGOT(AST)		17.50	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase		60.7	U/L	35 - 140	PNP-Standardize	
Bilirubin Total		0.22	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct		0.12	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect		0.10	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total		7.28	g/dL	6.40 - 8.20	Biuret Method	
Albumin		4.07	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin		3.21	g/dL	2.20 - 3.50	Calculated	

Dr. Shreya Dineshbhai Patel
Reg.No.:-G-26728
Consultant Pathologist

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A/G Ratio	1.27	Ratio	0.90 - 2.80	Ratio
				EDTA Blood
HbA1c (Glyco Hb)	5.23	%	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
Mean Plasma Glucose	108.8	mg/dL	80 - 140	
				Serum
Blood Urea	**L 10.2**	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	**L 4.77**	mg/dL	6 - 20	Ureas with UV

(*) Not in NABL Scope   **End Of Report**

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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry					
ArcoFemi Healthcare Ltd Below 40 Female					
					Serum
Post prandial Glucose	85.9	mg/dL	70 - 140	Hexokinase	
Post prandial Urine Glucose	nil				

End Of Report

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

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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

LIPID PROFILE (WITH DIRECT LDL   Serum

Test Name	Result	Unit	Bio. Ref. Range	Method
Sample Type	Fasting			
Cholesterol Total	215.70	mg/dL	Less than 160 mg/dL Excellent Less than 200 mg/dL Desirabale 200-239 mg/dL Borderline High 240 mg/dl & over high	Enzymatic (CHE/CHO/POD)
Triglycerides	200.20	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	Enzymatic colorimetric
Cholesterol HDL	52.90	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic
LDL Cholesterol (Direct)	134.40	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
Cholesterol VLDL	H 40.04	mg/dL	< 30	
LDL/HDL RATIO	2.54		< 4	Calculated
Cholesterol Total / HDL Ratio	4.08		< 5	Calculated

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Bed No/Ward	OPD	**Report Date**	01/04/2023 10:51AM
Referred By	Dr. Casualty Medical Officer	**Report Status**	Final
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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample

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	6.5		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.010		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination: Reflectance photometer/Manual

U.Albumin	Nil				
U.Gluocse	Nil				
U.Acetone	Absent				
BS/BP	Absent				

Microscopic Examination   Microscopy

Pus Cell	40-50	/H.P.F.			
Red Blood Cell	2-3	/H.P.F.			
Epithelial cell	8-10	/H.P.F.			
Cast	Absent				
Crystals	Absent				
Amorphous	Absent				
Monilia	Absent				

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Test Name		Result	Unit	Bio. Ref. Range	Method	Sample
			Haematology			
			ArcoFemi Healthcare Ltd Below 40 Female			
CBC WITH ESR						Citrate Whole Blood, EDTA Blood
Haemoglobin	L	11.8	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	L	36.7	%	37.0 - 47.0	H.focusing Method	
RBC COUNT		4.82	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	L	76.1	fl	83.0 - 101.0	Calculated	
MCH	L	24.5	pg	27.0 - 31.0	Calculated	
MCHC		32.2	g/dL	32.0 - 36.0	Calculated	
RDW-CV		12.2	%	11.5 - 14.0	Calculated	
Platelet count		252000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*		12.0	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)		7030	/cumm	4000 - 10500	Flow Cytometry	
Differential Leucocyte Count					Flowcytometry/Microscopic	
Neutrophils		68	%	40.0 - 70.0		
Lymphocytes		25	%	22 - 45		
Eosinophils		02	%	1.0 - 4.0		
Monocytes		05	%	1.0 - 6.0		
Basophils		00	%	0.0 - 1.0		
Absolute Leucocyte Count						
Absolute Neutrophil Count*		4780.4	/cumm	1800 - 7700		
Absolute Lymphocyte count*		1757.5	/cumm	1000 - 4800		
Absolute Eosinophil Count*		140.6	/cumm	40 - 450		
Absolute Monocyte Count*		351.5	/cumm	0 - 800		
Peripheral Smear Study		RBCs shows Microcytosis(+),Hypochromia(+). Platelets are adequate in number. Malarial Parasites are not seen. No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	H	61	mm/hr	0 - 12	Modified westergren Method	

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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry/Immunology					
ArcoFemi Healthcare Ltd Below 40 Female					
					Serum
TOTAL T3*	**H** **2.050**	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	11.490	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.020	uIU/mL	0.270 - 4.200	ECLIA.	

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Immuno-Haematology
ArcoFemi Healthcare Ltd Below 40 Female

BLOOD GROUPING   EDTA Blood

ABO Group	"B"		Tube Agglutination Method
Rh Type	Positive		

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