



DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. HETAL K VACHAANI	Lab No/ManualNo	5389124/
UHIDNo/IPNO	300446806	CollectionDate	19/03/2024 5:07PM
Age/Gender	39 Years/Female	Receiving Date	19/03/2024 5:24PM
Bed No/Ward	OPD	Report Date	19/03/2024 7:28PM
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	11.90	U/L	6.00 - 42.00	Enzymatic method	
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(*) Not in NABL Scope

End Of Report

Dr. Jitendra Narendrabhai Nayak
Reg.No:G-14786
Consultant Pathologist



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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

					Serum
Creatinine	0.65	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Uric Acid	3.9	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	90.6	mg/dL	< 100.0	Hexokinase	Serum
As per ADA Guideline Normal : Less than 100 mg/dL Prediabetes : 100 mg/dL to 125 mg/dL Diabetes : 126 mg/dL or Higher					
Post prandial Glucose	82.8	mg/dL	< 140.0	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G. = Sample Not Given				
As per ADA Guideline Normal : Less than 100 mg/dL Prediabetes : 100 mg/dL to 125 mg/dL Diabetes : 126 mg/dL or Higher					

***LIVER FUNCTION TEST (LFT) SERUM**

Serum



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



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SGPT(ALT)	18.40	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	
SGOT(AST)	18.60	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	95.2	U/L	35.0 - 140.0	PNP-Standardize	
Bilirubin Total	0.45	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct	H 0.21	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.24	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.30	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.44	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.86	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.55	Ratio	0.90 - 2.80	Ratio	
					EDTA Blood
HbA1c (Glyco Hb)	5.40	%	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	116.0	mg/dL	80.0 - 140.0		Serum
Blood Urea	L 14.3	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	
BUN*	6.7	mg/dL	6.0 - 20.0	Ureas with UV	Serum

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TOTAL T3*	1.150	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	6.300	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	2.840	uIU/mL	0.270 - 4.200	ECLIA.

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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

***LIPID PROFILE (WITH DIRECT LDL**

Serum

Sample Type	Fasting				
Cholesterol Total	153.30	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	124.40	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	35.70	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	106.40	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	
VLDL Cholesterol	24.88	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.98		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	4.29		< 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:	Slightly turbid			Visual method	
Reaction	6.0		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.015		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	1-2		/H.P.F.	Microscopy	
Red Blood Cell	4-6		/H.P.F.		
Epithelial cell	2-3		/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	L 11.7	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	37.8	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.67	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	L 80.9	fl	83.0 - 101.0	Calculated	
MCH	L 25.1	pg	27.0 - 31.0	Calculated	
MCHC	L 31.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.3	%	11.5 - 14.0	Calculated	
Platelet count	287000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.5	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6280.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	58	%	40 - 70		
Lymphocytes	37	%	22 - 45		
Eosinophils	01	%	1 - 4		
Monocytes	04	%	1 - 6		
Basophils	00	%	0 - 1		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	3642.4	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2323.6	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	62.8	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	251.2	/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.				

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Erythrocyte Sedimentation Rate (ESR) **H 17** 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	"B"			Tube Agglutination Method	
Rh Type	Positive				

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