



DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. GEETABEN .	Lab No/ManualNo	5310135/
UHIDNo/IPNO	300435767	CollectionDate	23/12/2023 9:23AM
Age/Gender	58 Years/Female	Receiving Date	23/12/2023 9:32AM
Bed No/Ward	OPD	Report Date	23/12/2023 3:43PM
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 Above 40 Female

Serum

Gamma GT	17.50	U/L	6.00 - 42.00	Enzymatic method	Serum
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Creatinine	0.62	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
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Uric Acid	4.7	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
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Fasting Glucose	H 110.8	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					

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

SGPT(ALT)	19.80	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	
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SGOT(AST)	18.00	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
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Alkaline Phosphatase	96.2	U/L	35.0 - 140.0	PNP-Standardize	
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Dr. MANISHA SHAH
MD(PATHOLOGY)
PATHOLOGIST



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Bilirubin Total	0.19	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct	0.10	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.09	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.19	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.39	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.80	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.57	Ratio	0.90 - 2.80	Ratio	
EDTA Blood					
HbA1c (Glyco Hb)	6.60	%	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	H 157.6	mg/dL	80.0 - 140.0		Serum
Blood Urea	27.0	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	
BUN*	12.6	mg/dL	6.0 - 20.0	Ureas with UV	Serum
TOTAL T3*	1.150	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	5.520	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	H 4.820	uIU/mL	0.270 - 4.200	ECLIA.	

(*) Not in NABL Scope

End Of Report

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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Female

Serum

Post prandial Glucose	H 188.2	mg/dL	< 140.0	Hexokinase	
As per ADA Guideline					
Normal : Less than 100 mg/dL					
Prediabetes : 100 mg/dL to 125 mg/dL					
Diabetes : 126 mg/dL or Higher					

(*) Not in NABL Scope

End Of Report

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



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Biochemistry

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***LIPID PROFILE (WITH DIRECT LDL**

Serum

Sample Type	Fasting				
Cholesterol Total	222.10	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	147.00	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	54.80	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	155.50	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	29.4	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.84		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	4.05		< 4.50		

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Clinical Pathology

ArcoFemi Healthcare Ltd Above 40 Female

***URINE ROUTINE EXAMINATION**

Urine

Physical Examination:

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Clear			Visual method	
Reaction	6			Reflectance photometer	
Sp. Gravity	1.015		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Nil			Reflectance photometer/Manual	
U.Gluocse	Nil				
U.Acetone	Nil				
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 11.7	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	L 36.5	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	L 4.00	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	91.3	fl	83.0 - 101.0	Calculated	
MCH	29.3	pg	27.0 - 31.0	Calculated	
MCHC	32.1	g/dL	32.0 - 36.0	Calculated	
RDW-CV	13.0	%	11.5 - 14.0	Calculated	
Platelet count	176000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	12.0	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5200.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	44	%	40 - 70		
Lymphocytes	H 47	%	22 - 45		
Eosinophils	02	%	1 - 4		
Monocytes	H 07	%	1 - 6		
Basophils	00	%	0 - 1		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	2288	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2444	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	104.0	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	364	/cumm	0 - 800		
Peripheral Smear Study	RBCs shows Hypochromia(+).Platelets are adequate in number. Malarial Parasites are not seen.No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	H 28	mm/hr	0 - 19	Photometric capillary stopped flow kinetic	

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



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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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End Of Report

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