



DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. NITA SHANABHAI PARMAR	Lab No/ManualNo	5286556/
UHIDNo/IPNO	300432327	CollectionDate	25/11/2023 9:02AM
Age/Gender	46 Years/Female	Receiving Date	25/11/2023 12:56PM
Bed No/Ward	OPD	Report Date	25/11/2023 1:45PM
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					
Gamma GT	28.20	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.63	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Age	46				
Weight	70.1				
Gender	0.85				
eGFR	H 123.48	mL/minute/1.73 m ²	50 - 102		
Uric Acid	5.6	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	95.1	mg/dL	< 100.0	Hexokinase	Serum
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					
Post prandial Glucose	107.2	mg/dL	< 140.0	Hexokinase	Serum

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



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Post prandial Urine Glucose

S.N.G. = Sample Not Given

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

LIVER FUNCTION TEST (LFT) SERUM

				Serum
SGPT(ALT)	17.10	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	19.50	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	67.7	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.39	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.16	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.23	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.31	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.65	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.66	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.75	Ratio	0.90 - 2.80	Ratio

EDTA Blood

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HbA1c (Glyco Hb)	5.65	%	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	123.9	mg/dL	80.0 - 140.0		
Blood Urea	19.0	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	8.9	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.330	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	7.630	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	H 5.270	uIU/mL	0.270 - 4.200	ECLIA.	

(*) Not in NABL Scope

End Of Report



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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry					
ArcoFemi Healthcare Ltd Above 40 Female					
LIPID PROFILE (WITH DIRECT LDL)					Serum
Sample Type	Fasting				
Cholesterol Total	164.10	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	58.10	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	49.30	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	108.00	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	11.62	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.19		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.33		< 4.50		

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Age/Gender	46 Years/Female	Receiving Date	25/11/2023 10:09AM
Bed No/Ward	OPD	Report Date	25/11/2023 11:24AM
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		Sample Quality	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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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	7.0		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.005		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

				Microscopy	
Pus Cell	Occasional		/H.P.F.		
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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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Haematology					
ArcoFemi Healthcare Ltd Above 40 Female					
					EDTA Blood
CBC WITH ESR					
Haemoglobin	13.9	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	42.6	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	5.15	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	L 82.7	fl	83.0 - 101.0	Calculated	
MCH	27.0	pg	27.0 - 31.0	Calculated	
MCHC	32.6	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.3	%	11.5 - 14.0	Calculated	
Platelet count	322000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	8.9	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	4110.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	58	%	40.0 - 70.0		
Lymphocytes	34	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	06	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	2383.8	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1397.4	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	82.2	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	246.6	/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.				
Erythrocyte Sedimentation Rate (ESR)	07	mm/hr	0 - 35	Photometric capillary stopped flow kinetic	

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



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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Immuno-Haematology

ArcoFemi Healthcare Ltd Above 40 Female

BLOOD GROUPING

EDTA Blood

ABO Group

"B"

Tube Agglutination Method

Rh Type

Positive

End Of Report

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