



DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. VANDANA MANISH SINGH	Lab No/ManualNo	5356950/
UHIDNo/IPNO	300442113	CollectionDate	13/02/2024 9:15AM
Age/Gender	36 Years/Female	Receiving Date	13/02/2024 9:58AM
Bed No/Ward	OPD	Report Date	13/02/2024 2:52PM
Referred By	Dr. RMO	Report Status	Final
		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry					
ArcoFemi Healthcare Ltd Below 40 Female					
					Serum
Gamma GT	15.10	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.64	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Age	36				
Weight	64				
Gender	0.85				
eGFR	122.78	mL/minute/1.73 m2	71 - 140		Serum
Uric Acid	4.7	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	93.1	mg/dL	< 100.0	Hexokinase	

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



JCI (USA)

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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

Serum

Post prandial Glucose	110.8	mg/dL	< 140.0	Hexokinase
Post prandial Urine Glucose	SNG			

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

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For Random Plasma Glucose

Diabetes is diagnosed at blood glucose greater than or equal to 200 mg/dL

Serum

LIVER FUNCTION TEST (LFT) SERUM

SGPT(ALT)	22.10	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	21.90	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate

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Alkaline Phosphatase	78.5	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	H 1.16	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	H 0.36	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.80	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.56	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.69	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.87	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.63	Ratio	0.90 - 2.80	Ratio

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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

EDTA Blood

HbA1c (Glyco Hb)	5.69	%	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	125.2	mg/dL	80.0 - 140.0		Serum
Blood Urea	L 13.6	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	
BUN*	6.4	mg/dL	6.0 - 20.0	Ureas with UV	Serum
TOTAL T3*	1.290	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	6.720	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	H 5.770	uIU/mL	0.270 - 4.200	ECLIA.	

(* 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

LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	147.50	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	74.30	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	47.60	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	88.80	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	14.86	mg/dL	< 30	Calculated	
LDL/HDL RATIO	1.87		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.10		< 4.50		

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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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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	5			Reflectance photometer	
Sp. Gravity	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Nil			Reflectance photometer/Manual	
U.Glucose	Nil				
U.Acetone	Present(++)				
BS/BP	Absent				

Microscopic Examination

Pus Cell	10-12		/H.P.F.	Microscopy	
Red Blood Cell	Nil		/H.P.F.		
Epithelial cell	6-8		/H.P.F.		
Cast	Absent				
Crystals	Absent				
Amorphous	Absent				
Monilia	Absent				

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Dr. Viyati Chetanbhai Vithlani
MBBS+MD Pathology
Pathologist



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Haematology

ArcoFemi Healthcare Ltd Below 40 Female

CBC WITH ESR

EDTA Blood

Haemoglobin	13.7	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	42.8	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.64	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	92.2	fl	83.0 - 101.0	Calculated	
MCH	29.5	pg	27.0 - 31.0	Calculated	
MCHC	32.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.9	%	11.5 - 14.0	Calculated	
Platelet count	253000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	H 12.1	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	7020.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	58	%	40.0 - 70.0		
Lymphocytes	36	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	04	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	4071.6	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2527.2	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	140.4	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	280.8	/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)	H 27	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	"A"			Tube Agglutination Method	
Rh Type	Positive				

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