



DEPARTMENT OF LABORATORY SERVICES

Patient	Mrs. NIKITA MAVJIBHAI SOLANKI	Lab No/ManualNo	5392271/
UHIDNo/IPNO	300447302	CollectionDate	23/03/2024 9:31AM
Age/Gender	32 Years/Female	Receiving Date	23/03/2024 9:49AM
Bed No/Ward	OPD	Report Date	23/03/2024 3:02PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry					
ArcoFemi Healthcare Ltd Below 40 Female					
					Serum
Gamma GT	13.90	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.61	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Uric Acid	3.6	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Post prandial Glucose	101.0	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					
Random Glucose	81.4	mg/dL	< 140.0	Hexokinase	Serum

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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)	13.20	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate
SGOT(AST)	11.40	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	73.9	U/L	35.0 - 140.0	PNP-Standardize
Bilirubin Total	0.51	mg/dL	0.00 - 1.00	Diazo Method
Bilirubin Direct	0.19	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.32	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	4.38	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.93	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.49	Ratio	0.90 - 2.80	Ratio

EDTA Blood

HbA1c (Glyco Hb)	5.50	%	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	117.0	mg/dL	80.0 - 140.0	

Serum

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Blood Urea	21.5	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	10.1	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.09	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	6.36	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	1.51	uIU/mL	0.270 - 4.200	ECLIA.

(* Not in NABL Scope)

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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

***LIPID PROFILE (WITH DIRECT LDL**

Serum

Sample Type	Fasting				
Cholesterol Total	140.20	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	66.50	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	42.00	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	89.70	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	13.3	mg/dL	< 30	Calculated	
LDL/HDL RATIO	2.14		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	3.34		< 4.50		

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		Sample Quality	

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Bed No/Ward	OPD	Report Date	23/03/2024 12:06PM
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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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			Reflectance photometer	
Sp. Gravity	1.020		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	6-8		/H.P.F.	Microscopy	
Red Blood Cell	Nil		/H.P.F.		
Epithelial cell	10-20		/H.P.F.		
Cast	Absent				
Crystals	Absent				
Amorphous	Absent				
Monilia	Absent				
Other:	Absent				

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		Sample Quality	Normal

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

ArcoFemi Healthcare Ltd Below 40 Female

***CBC WITH ESR**

EDTA Blood

Haemoglobin	13.1	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	39.5	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.23	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	93.4	fl	83.0 - 101.0	Calculated	
MCH	31.0	pg	27.0 - 31.0	Calculated	
MCHC	33.2	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H 14.3	%	11.5 - 14.0	Calculated	
Platelet count	337000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	10.1	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	7870.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	69	%	40 - 70		
Lymphocytes	23	%	22 - 45		
Eosinophils	02	%	1 - 4		
Monocytes	06	%	1 - 6		
Basophils	00	%	0 - 1		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	5430.3	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1810.1	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	157.4	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	472.2	/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.				
Erythrocyte Sedimentation Rate (ESR)	H 18	mm/hr	0 - 12	Photometric capillary stopped flow kinetic	

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Bed No/Ward	OPD	Report Date	23/03/2024 5:40PM
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		Sample Quality	

CytoPathology

ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

Specimen

Cervical PAP smear.

Clinical Diagnosis

P1G1, LMP : 25/02/2024.

Gross Description

Two fixed unstained slides received, PAP stain done.

Microscopic Description

Smears are satisfactory for evaluation.
Many superficial, intermediate cells and few parabasal cells seen.
Minimal inflammation with neutrophils seen.
Many cocco-bacilli are seen, including few clue cells.
Few lactobacilli present. No parasites/ fungi.
No evidence of intraepithelial lesion or malignancy.

Diagnosis

Cervical smear - **Shift in bacterial flora suggestive of bacterial vaginosis and no evidence of intraepithelial lesion or malignancy.**

Note- The pap test is a screening procedure to aid in the detection of cervical cancer and its precursors. Because false negative results may occur, regular PAP tests are recommended.

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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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