



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient Name</b>	Mrs. AMITA SINGH	<b>Lab No/ManualNo</b>	5005292/
<b>UHIDNo/IPNO</b>	300390996	<b>CollectionDate</b>	10/12/2022 12:23PM
<b>Age/Gender</b>	37 Years/Female	<b>Receiving Date</b>	10/12/2022 12:26PM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	10/12/2022 5:07PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
<b>Biochemistry</b>					
ArcoFemi Healthcare Ltd Below 40 Female					
Protein Total	H 8.8	g/dL	6.4 - 8.2	Biuret Method	Serum
Albumin	H 5.1	g/dL	3.97 - 4.95	BCG Endpoint	Serum
Creatinine	0.65	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Uric Acid	H 5.8	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	96.0	mg/dL	70 - 100	Hexokinase	Serum
Post prandial Glucose	90.8	mg/dL	70 - 140	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G.				
<b><u>LIVER FUNCTION TEST (LFT) SERUM</u></b>					
SGPT(ALT)	H 40.6	U/L	0 - 33	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	30.60	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	113.2	U/L	38.0 - 126.0	PNP-Standardize	
Bilirubin Total	0.5	mg/dL	0.0 - 1.0	Diazo Method	
Bilirubin Direct	0.2	mg/dL	0.0 - 0.3	Diazo Method	
Bilirubin Indirect	0.30	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	H 8.8	g/dL	6.4 - 8.2	Biuret Method	
Albumin	H 5.1	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	H 3.7	g/dL	2.2 - 3.5		
A/G Ratio	L 1.38	Ratio	1.50 - 2.50	Ratio	

EDTA Blood



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M.D (Path)



JCI (USA)



OUR ACCREDITATIONS

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HbA1c (Glyco Hb)	5.59	%	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	121.7	mg/dL	80 - 140	
Blood Urea	<b>L 13.0</b>	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	6.07	mg/dL	6 - 20	Ureas with UV
(*) Not in NABL Scope	**End Of Report**			

Serum

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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	184.3	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	162.1	mg/dL	Less than 150 mg/dL 150-199 mg/dL Borderline High 200-499 mg/dL High 500 mg/dL or greater very High	Enzymatic colorimetric	
Cholesterol HDL	39.2	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	127.9	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	
Cholesterol VLDL	<b>H 32.42</b>	mg/dL	< 30		
LDL/HDL RATIO	3.26		< 4	Calculated	
Cholesterol Total / HDL Ratio	<b>H 4.7</b>		< 5	Calculated	

\*\*End Of Report\*\*



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<b>Age/Gender</b>	37 Years/Female	<b>Receiving Date</b>	10/12/2022 11:27AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	10/12/2022 12:24PM
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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	5.0		4.5 - 8.0	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	Absent				
BS/BP	Absent				

**Microscopic Examination**

Pus Cell	2-3		/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				

\*\*End Of Report\*\*



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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	10/12/2022 1:55PM
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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Female

**CBC WITH ESR**

Citrate Whole Blood, EDTA Blood

Haemoglobin	12.5	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	41.6	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.40	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	94.5	fl	83.0 - 101.0	Calculated	
MCH	28.4	pg	27.0 - 31.0	Calculated	
MCHC	L <b>30.0</b>	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H <b>14.9</b>	%	11.5 - 14.0	Calculated	
Platelet count	170000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	H <b>15.5</b>	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	8120	/cumm	4000 - 10500	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	H <b>72</b>	%	40.0 - 70.0		
Lymphocytes	L <b>21</b>	%	22 - 45		
Eosinophils	04	%	1.0 - 4.0		
Monocytes	03	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	5846.4	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1705.2	/cumm	1000 - 4800		
Absolute Eosinophil Count*	324.8	/cumm	40 - 450		
Absolute Monocyte Count*	243.6	/cumm	0 - 800		
Peripheral Smear Study	RBCs are Normochromic & Normocytic. Platelets are adequate in number & Giant Platelets are seen. Malarial Parasites are not seen. No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	H <b>40</b>	mm/hr	0 - 12	Modified westergren Method	

\*\*End Of Report\*\*



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<b>Age/Gender</b>	37 Years/Female	<b>Receiving Date</b>	10/12/2022 4:23PM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	10/12/2022 7:33PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final

**Cytology**

ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

**Specimen**

Vault PAP smear.

**Clinical Diagnosis**

LMP - 2/12/2022 P1G2. 1LSCS.

**Gross Description**

Two fixed unstained slides received, PAP stain done.

**Microscopic Description**

Smears are satisfactory for evaluation. Endocervical cells and metaplastic squamous cells are seen. Many superficial, intermediate cells and parabasal cells seen. Mild inflammation with predominance of neutrophils and many RBCs seen. Few lactobacilli are seen. Fungi present in budding forms. No evidence of intraepithelial lesion or malignancy.

**Diagnosis**

Cervical smear - **Mild inflammation, reactive cellular changes and negative for intraepithelial lesion or malignancy. Fungal organisms morphologically consistent with candida species.**

**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.

(\*) Not in NABL Scope

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<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
<b>Biochemistry/Immunology</b>					
ArcoFemi Healthcare Ltd Below 40 Female					
					Serum
TOTAL T3*	1.09	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	9.19	ug/dl	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	3.810	mIU/mL	0.270 - 4.200	ECLIA.	
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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Below 40 Female

**BLOOD GROUPING**

EDTA Blood

ABO Group

"A"

Tube Agglutination Method

Rh Type

Positive

\*\*End Of Report\*\*



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