



**DEPARTMENT OF LABORATORY SERVICES**

|                    |                              |                        |                   |
|--------------------|------------------------------|------------------------|-------------------|
| <b>Patient</b>     | Mrs. RAJANI MEENA            | <b>Lab No/ManualNo</b> | 5349647/          |
| <b>UHIDNo/IPNO</b> | 300440980                    | <b>CollectionDate</b>  | 05/02/2024 8:28AM |
| <b>Age/Gender</b>  | 39 Years/Female              | <b>Receiving Date</b>  | 05/02/2024 8:44AM |
| <b>Bed No/Ward</b> | OPD                          | <b>Report Date</b>     | 05/02/2024 1:11PM |
| <b>Referred By</b> | Dr. Casualty Medical Officer | <b>Report Status</b>   | Final             |
|                    |                              | <b>Sample Quality</b>  | Normal            |

| Test Name | Result | Unit | Bio. Ref. Range | Method | Sample |
|-----------|--------|------|-----------------|--------|--------|
|-----------|--------|------|-----------------|--------|--------|

**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

|  |                |       |              |                                     |       |
|--|----------------|-------|--------------|-------------------------------------|-------|
|  |                |       |              |                                     | Serum |
| Gamma GT   | 16.20          | U/L   | 6.00 - 42.00 | Enzymatic method                    | Serum |
| Creatinine   | 0.67           | mg/dL | 0.50 - 0.90  | Jaffe Kinetic Compensated           | Serum |
| Uric Acid  | 3.5            | mg/dL | 2.4 - 5.7    | Uricase / Peroxidase (Colorimetric) | Serum |
| Fasting Glucose  | <b>H 109.1</b> | mg/dL | < 100.0      | Hexokinase                          | Serum |
| As per ADA Guideline<br>Normal : Less than 100 mg/dL<br>Prediabetes : 100 mg/dL to 125 mg/dL<br>Diabetes : 126 mg/dL or Higher |                |       |              |                                     |       |

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

|                      |       |     |              |                                  |       |
|----------------------|-------|-----|--------------|----------------------------------|-------|
| SGPT(ALT)            | 15.70 | U/L | 0.00 - 33.00 | IFCC without pyridoxal phosphate | Serum |
| SGOT(AST)            | 16.10 | U/L | 0.00 - 32.00 | IFCC without pyridoxal phosphate |       |
| Alkaline Phosphatase | 85.8  | U/L | 35.0 - 140.0 | PNP-Standardize                  |       |

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



JCI (USA)

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|                    |      |       |             |  |
|--------------------|------|-------|-------------|--|
| Bilirubin Total    | 0.27 | mg/dL | 0.00 - 1.00 | Diazo Method                               |
| Bilirubin Direct   | 0.14 | mg/dL | 0.00 - 0.20 | Diazo Method                               |
| Bilirubin Indirect | 0.13 | mg/dL | 0.00 - 1.10 | Calculate from Total and Direct Billirubin |
| Protein Total      | 7.22 | g/dL  | 6.40 - 8.20 | Biuret Method                              |
| Albumin            | 4.46 | g/dL  | 3.97 - 4.95 | BCG Endpoint                               |
| Globulin           | 2.76 | g/dL  | 2.20 - 3.50 | Calculated                                 |
| A/G Ratio          | 1.62 | Ratio | 0.90 - 2.80 | Ratio                                      |

EDTA Blood

|                  |      |   |   |                     |
|------------------|------|---|---|---------------------|
| HbA1c (Glyco Hb) | 5.60 | % | 4.8 % - 5.9 % Normal<br>5.9 % - 7.0 % Good diabetic Control<br>7.0 % - 10.00 % Fair Diabetic Control<br>>10.0 % Poor diabetic Control | Immunoturbidimetric |
|------------------|------|---|---|---------------------|

|                     |       |       |              |
|---------------------|-------|-------|--------------|
| Mean Plasma Glucose | 122.0 | mg/dL | 80.0 - 140.0 |
|---------------------|-------|-------|--------------|

Serum

|            |      |       |             |                     |
|------------|------|-------|-------------|---------------------|
| Blood Urea | 28.7 | mg/dL | 16.6 - 48.5 | Urease,Kinetic,GLDH |
| BUN*       | 13.4 | mg/dL | 6.0 - 20.0  | Ureas with UV       |

Serum

|                             |       |        |                |        |
|-----------------------------|-------|--------|----------------|--------|
| TOTAL T3*                   | 1.180 | ng/mL  | 0.850 - 2.020  | ECLIA. |
| TOTAL T4*                   | 8.040 | ug/dL  | 5.130 - 14.060 | ECLIA. |
| THYROID STIMULATING HORMONE | 3.820 | uIU/mL | 0.270 - 4.200  | ECLIA. |

(\*) Not in NABL Scope

\*\*End Of Report\*\*

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| <b>Age/Gender</b>  | 39 Years/Female              | <b>Receiving Date</b>  | 05/02/2024 11:40AM |
| <b>Bed No/Ward</b> | OPD                          | <b>Report Date</b>     | 05/02/2024 1:11PM  |
| <b>Referred By</b> | Dr. Casualty Medical Officer | <b>Report Status</b>   | Final              |
|                    |                              | <b>Sample Quality</b>  | Normal             |

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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

Serum

|                                      |        |       |         |            |  |
|--------------------------------------|--------|-------|---------|------------|--|
| Post prandial Glucose                | 102.3  | mg/dL | < 140.0 | Hexokinase |  |
| Post prandial Urine Glucose          | S.N.G. |       |         |            |  |
| 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\*\*



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Reg.No.: G-21729



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| <b>Age/Gender</b>  | 39 Years/Female              | <b>Receiving Date</b>  | 05/02/2024 8:44AM |
| <b>Bed No/Ward</b> | OPD                          | <b>Report Date</b>     | 05/02/2024 1:11PM |
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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

**\*LIPID PROFILE (WITH DIRECT LDL**

Serum

|                               |         |       |   |                            |  |
|-------------------------------|---------|-------|---|----------------------------|--|
| Sample Type                   | Fasting |       |   |                            |  |
| Cholesterol Total             | 168.40  | mg/dL | Less than 160 mg/dL<br>Excellent<br>Less than 200 mg/dL<br>Desirable<br>200-239 mg/dL<br>Borderline High<br>240 mg/dl & over high   | Enzymatic<br>(CHE/CHO/POD) |  |
| Triglycerides                 | 100.20  | mg/dL | Less than 150 mg/dL<br>Normal<br>150-199 mg/dL<br>Borderline High<br>200-499 mg/dL High<br>500 mg/dL or greater<br>very High  | GPO-PAP                    |  |
| HDL Cholesterol               | 48.10   | mg/dL | Less than 40 mg/dL Low<br>60 mg/dL or Above<br>Excellent  | Homogenous Enzymatic       |  |
| LDL Cholesterol (Direct)      | 116.70  | mg/dL | Less than 80 mg/dL<br>Excellent<br>Less than 100 mg/dL<br>Optimal<br>100-129 mg/dL Near or<br>above optimal<br>130-159 mg/dL<br>Borderline High<br>160-189 mg/dL High<br>190 mg/dL & above Very<br>High | Homogenous Enzymatic       |  |
| VLDL Cholesterol              | 20.04   | mg/dL | < 30  | Calculated                 |  |
| LDL/HDL RATIO                 | 2.43    |       | < 3.50  | Calculated                 |  |
| Cholesterol Total / HDL Ratio | 3.50    |       | < 4.50  |                            |  |

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|                    |                              | <b>Sample Quality</b>  |                   |

(\*) Not in NABL Scope

\*\*End Of Report\*\*

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| <b>Age/Gender</b>  | 39 Years/Female              | <b>Receiving Date</b>  | 05/02/2024 9:47AM  |
| <b>Bed No/Ward</b> | OPD                          | <b>Report Date</b>     | 05/02/2024 11:08AM |
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|                    |                              | <b>Sample Quality</b>  | Normal             |

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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 | 1.025           |  | 1.015 - 1.030 | Reflectance photometer/Enzymatic reaction |  |

**Chemical Examination:**

|           |        |  |  |                               |  |
|-----------|--------|--|--|-------------------------------|--|
| U.Albumin | Nil    |  |  | Reflectance photometer/Manual |  |
| U.Glucose | Nil    |  |  |                               |  |
| U.Acetone | Nil    |  |  |                               |  |
| BS/BP     | Absent |  |  |                               |  |

**Microscopic Examination**

|                 |            |  |         |            |  |
|-----------------|------------|--|---------|------------|--|
| Pus Cell        | Occasional |  | /H.P.F. | Microscopy |  |
| Red Blood Cell  | 1-2        |  | /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**

ArcoFemi Healthcare Ltd Below 40 Female

**\*CBC WITH ESR**

EDTA Blood

|                                     |                 |          |                    |                           |  |
|-------------------------------------|-----------------|----------|--------------------|---------------------------|--|
| Haemoglobin                         | <b>L 10.8</b>   | g/dL     | 12.5 - 16.0        | SLS Method                |  |
| Hematocrit/PCV                      | <b>L 35.8</b>   | %        | 37.0 - 47.0        | H.focusing Method         |  |
| RBC COUNT                           | 5.09            | mill/Cmm | 4.20 - 5.40        | H.focusing impedance      |  |
| MCV                                 | <b>L 70.3</b>   | fl       | 83.0 - 101.0       | Calculated                |  |
| MCH                                 | <b>L 21.2</b>   | pg       | 27.0 - 31.0        | Calculated                |  |
| MCHC                                | <b>L 30.2</b>   | g/dL     | 32.0 - 36.0        | Calculated                |  |
| RDW-CV                              | <b>H 17.7</b>   | %        | 11.5 - 14.0        | Calculated                |  |
| Platelet count                      | <b>H 419000</b> | /cumm    | 150000 - 410000    | H.focusing impedance      |  |
| Mean Platelet Volume(MPV)*          | 8.9             | fl       | 8 - 12             | Calculated                |  |
| Total Leucocyte Count (TLC)         | 6530.00         | /cumm    | 4000.00 - 10500.00 | Flow Cytometry            |  |
| <b>Differential Leucocyte Count</b> |                 |          |                    | Flowcytometry/Microscopic |  |
| Neutrophils                         | 58              | %        | 40 - 70            |                           |  |
| Lymphocytes                         | 36              | %        | 22 - 45            |                           |  |
| Eosinophils                         | 02              | %        | 1 - 4              |                           |  |
| Monocytes                           | 04              | %        | 1 - 6              |                           |  |
| Basophils                           | 00              | %        | 0 - 1              |                           |  |
| Immature Granulocytes               | 00              | %        | 0 - 2              |                           |  |

**Absolute Leucocyte Count**

|                                 |        |       |             |
|---------------------------------|--------|-------|-------------|
| Absolute Neutrophil Count*      | 3787.4 | /cumm | 1800 - 7700 |
| Absolute Lymphocyte count*      | 2350.8 | /cumm | 1000 - 4800 |
| Absolute Eosinophil Count (AEC) | 130.6  | /cumm | 0.0 - 450.0 |
| Absolute Monocyte Count*        | 261.2  | /cumm | 0 - 800     |

**Peripheral Smear Study**

RBCs shows Anisocytosis(+),Microcytosis(+),Hypochromia(+).Platelets are adequate in number.  
Malarial Parasites are not seen.No Premature cells are seen.

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Erythrocyte Sedimentation Rate (ESR)    **H 38**                      mm/hr                      0 - 12                      Photometric capillary stopped flow kinetic

(\*) Not in NABL Scope

\*\*End Of Report\*\*

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| <b>Bed No/Ward</b> | OPD                          | <b>Report Date</b>     | 05/02/2024 3:42PM |
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|                    |                              | <b>Sample Quality</b>  |                   |

### CytoPathology

ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

#### Specimen

Cervical PAP smear.

#### Clinical Diagnosis

LMP : 29/01/2024, P2G2.

#### Gross Description

Two fixed unstained slide received, PAP stain done.

#### Microscopic Description

Smears are satisfactory for evaluation.

Many superficial, few intermediate cells and few parabasal cells seen.

Severe inflammation with predominance of neutrophils seen.

Mild lactobacilli are seen. No parasites/ fungi.

No evidence of intraepithelial lesion or malignancy.

#### Diagnosis

Cervical smear - **Severe inflammation 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.

(\* Not in NABL Scope

\*\*End Of Report\*\*

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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Below 40 Female

**\*BLOOD GROUPING**

EDTA Blood

|           |          |  |  |                           |  |
|-----------|----------|--|--|---------------------------|--|
| ABO Group | "B"      |  |  | Tube Agglutination Method |  |
| Rh Type   | Positive |  |  |                           |  |

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