



JCI (USA)

OUR ACCREDITATIONS

**DEPARTMENT OF LABORATORY SERVICES**

|                    |                              |                        |                    |
|--------------------|------------------------------|------------------------|--------------------|
| <b>Patient</b>     | Mrs. DIVYA KUMARI            | <b>Lab No/ManualNo</b> | 5379685/           |
| <b>UHIDNo/IPNO</b> | 300445277                    | <b>CollectionDate</b>  | 09/03/2024 8:15AM  |
| <b>Age/Gender</b>  | 44 Years/Female              | <b>Receiving Date</b>  | 09/03/2024 8:16AM  |
| <b>Bed No/Ward</b> | OPD                          | <b>Report Date</b>     | 09/03/2024 12:02PM |
| <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 Above 40 Female

|                 |                |                               |              |                                     |       |
|-----------------|----------------|-------------------------------|--------------|-------------------------------------|-------|
|                 |                |                               |              |                                     | Serum |
| Gamma GT        | <b>H 52.30</b> | U/L                           | 6.00 - 42.00 | Enzymatic method                    | Serum |
| Creatinine      | 0.68           | mg/dL                         | 0.50 - 0.90  | Jaffe Kinetic Compensated           |       |
| Age             | 44             |                               |              |                                     |       |
| Weight          | 55.1           |                               |              |                                     |       |
| Gender          | 0.85           |                               |              |                                     |       |
| eGFR            | 91.83          | mL/minute/1.73 m <sup>2</sup> | 50 - 102     |                                     | Serum |
| Uric Acid       | 3.6            | mg/dL                         | 2.4 - 5.7    | Uricase / Peroxidase (Colorimetric) | Serum |
| Fasting Glucose | 98.3           | mg/dL                         | < 100.0      | Hexokinase                          |       |

Dr. Jitendra Narendrabhai Nayak

Reg.No:G-14786

Consultant Pathologist



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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

**LIVER FUNCTION TEST (LFT) SERUM**

Serum

|                      |                |       |              |  |
|----------------------|----------------|-------|--------------|--|
| SGPT(ALT)            | <b>H 37.50</b> | U/L   | 0.00 - 33.00 | IFCC without pyridoxal phosphate           |
| SGOT(AST)            | 12.90          | U/L   | 0.00 - 32.00 | IFCC without pyridoxal phosphate           |
| Alkaline Phosphatase | 77.6           | U/L   | 35.0 - 140.0 | PNP-Standardize                            |
| Bilirubin Total      | 0.64           | mg/dL | 0.00 - 1.00  | Diazo Method                               |
| Bilirubin Direct     | <b>H 0.25</b>  | mg/dL | 0.00 - 0.20  | Diazo Method                               |
| Bilirubin Indirect   | 0.39           | mg/dL | 0.00 - 1.10  | Calculate from Total and Direct Billirubin |
| Protein Total        | 7.50           | g/dL  | 6.40 - 8.20  | Biuret Method                              |
| Albumin              | 4.76           | g/dL  | 3.97 - 4.95  | BCG Endpoint                               |
| Globulin             | 2.74           | g/dL  | 2.20 - 3.50  | Calculated                                 |
| A/G Ratio            | 1.74           | Ratio | 0.90 - 2.80  | Ratio                                      |

EDTA Blood

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|                             |               |        |  |                       |       |
|-----------------------------|---------------|--------|--|-----------------------|-------|
| HbA1c (Glyco Hb)            | 5.66          | %      | 4.8 % - 5.9 % Normal<br>5.9 % - 7.0 % Good<br>diabetic Control<br>7.0 % - 10.00 % Fair<br>Diabetic Control<br>>10.0 % Poor diabetic<br>Control | Immunoturbidimetric   |       |
| Mean Plasma Glucose         | 124.1         | mg/dL  | 80.0 - 140.0   |                       | Serum |
| Blood Urea                  | <b>L 15.9</b> | mg/dL  | 16.6 - 48.5  | Urease, Kinetic, GLDH |       |
| BUN*                        | 7.4           | mg/dL  | 6.0 - 20.0   | Ureas with UV         | Serum |
| TOTAL T3*                   | 1.430         | ng/mL  | 0.850 - 2.020  | ECLIA.                |       |
| TOTAL T4*                   | 7.650         | ug/dL  | 5.130 - 14.060   | ECLIA.                |       |
| THYROID STIMULATING HORMONE | 2.380         | 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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| <b>Age/Gender</b>  | 44 Years/Female              | <b>Receiving Date</b>  | 09/03/2024 10:46AM |
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| Test Name | Result | Unit | Bio. Ref. Range | Method | Sample |
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|-----------|--------|------|-----------------|--------|--------|

**Biochemistry**

ArcoFemi Healthcare Ltd Above 40 Female

Serum

|                             |       |       |         |            |  |
|-----------------------------|-------|-------|---------|------------|--|
| Post prandial Glucose       | 132.2 | mg/dL | < 140.0 | Hexokinase |  |
| Post prandial Urine Glucose | SNG   |       |         |            |  |

**As per ADA Guideline**

**For Fasting Plasma Glucose**

Normal : Less than 100 mg/dL

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Diabetes : 126 mg/dL or Higher

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**For Random Plasma Glucose**

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

\*\*End Of Report\*\*

Dr. Kazumi Gondalia

M.D (Path)

Reg.No.: G-21729



**DEPARTMENT OF LABORATORY SERVICES**

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**Biochemistry**

ArcoFemi Healthcare Ltd Above 40 Female

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

|                               |               |       |   |                            |  |
|-------------------------------|---------------|-------|---|----------------------------|--|
| Sample Type                   | Fasting       |       |   |                            |  |
| Cholesterol Total             | 227.90        | 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                 | 79.20         | 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               | 41.80         | mg/dL | Less than 40 mg/dL Low<br>60 mg/dL or Above<br>Excellent  | Homogenous Enzymatic       |  |
| LDL Cholesterol (Direct)      | 170.20        | 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              | 15.84         | mg/dL | < 30  | Calculated                 |  |
| LDL/HDL RATIO                 | <b>H 4.07</b> |       | < 3.50  | Calculated                 |  |
| Cholesterol Total / HDL Ratio | <b>H 5.45</b> |       | < 4.50  |                            |  |

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\*\*End Of Report\*\*

Dr. Jitendra Narendrabhai Nayak  
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| <b>Bed No/Ward</b> | OPD                          | <b>Report Date</b>     | 09/03/2024 10:58AM |
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|                    |                              | <b>Sample Quality</b>  |                    |

| 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: | Slightly turbid |  |               | 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.Glucose | Nil    |  |  |                               |
| U.Acetone | Absent |  |  |                               |
| BS/BP     | Absent |  |  |                               |

**Microscopic Examination**

|                 |        |  |         |            |
|-----------------|--------|--|---------|------------|
| Pus Cell        | 25-30  |  | /H.P.F. | Microscopy |
| Red Blood Cell  | 2-4    |  | /H.P.F. |            |
| Epithelial cell | 1-2    |  | /H.P.F. |            |
| Cast            | Absent |  |         |            |
| Crystals        | Absent |  |         |            |
| Amorphous       | Absent |  |         |            |
| Monilia         | Absent |  |         |            |

\*\*End Of Report\*\*

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**Haematology**

ArcoFemi Healthcare Ltd Above 40 Female

**CBC WITH ESR**

EDTA Blood

|                                      |   |          |                    |  |  |
|--------------------------------------|---|----------|--------------------|--|--|
| Haemoglobin                          | 13.3  | g/dL     | 12.5 - 16.0        | SLS Method                                 |  |
| Hematocrit/PCV                       | 40.3  | %        | 37.0 - 47.0        | H.focusing Method                          |  |
| RBC COUNT                            | 4.32  | mill/Cmm | 4.20 - 5.40        | H.focusing impedance                       |  |
| MCV                                  | 93.3  | fl       | 83.0 - 101.0       | Calculated                                 |  |
| MCH                                  | 30.8  | pg       | 27.0 - 31.0        | Calculated                                 |  |
| MCHC                                 | 33.0  | g/dL     | 32.0 - 36.0        | Calculated                                 |  |
| RDW-CV                               | 13.6  | %        | 11.5 - 14.0        | Calculated                                 |  |
| Platelet count                       | 401000  | /cumm    | 150000 - 410000    | H.focusing impedance                       |  |
| Mean Platelet Volume(MPV)*           | 10.1  | fl       | 8 - 12             | Calculated                                 |  |
| Total Leucocyte Count (TLC)          | 6580.00   | /cumm    | 4000.00 - 10500.00 | Flow Cytometry                             |  |
| <b>Differential Leucocyte Count</b>  |   |          |                    | Flowcytometry/Microscopic                  |  |
| Neutrophils                          | 68  | %        | 40.0 - 70.0        |  |  |
| Lymphocytes                          | 23  | %        | 22 - 45            |  |  |
| Eosinophils                          | 04  | %        | 1.0 - 4.0          |  |  |
| Monocytes                            | 05  | %        | 1.0 - 6.0          |  |  |
| Basophils                            | 00  | %        | 0.0 - 1.0          |  |  |
| <b>Absolute Leucocyte Count</b>      |   |          |                    |  |  |
| Absolute Neutrophil Count*           | 4474.4  | /cumm    | 1800 - 7700        |  |  |
| Absolute Lymphocyte count*           | 1513.4  | /cumm    | 1000 - 4800        |  |  |
| Absolute Eosinophil Count (AEC)      | 263.2   | /cumm    | 0.0 - 450.0        |  |  |
| Absolute Monocyte Count*             | 329   | /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) | <b>H 16</b>   | mm/hr    | 0 - 12             | Photometric capillary stopped flow kinetic |  |

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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Above 40 Female

**BLOOD GROUPING**

EDTA Blood

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

\*\*End Of Report\*\*



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