



**DEPARTMENT OF LABORATORY SERVICES**

|                     |                              |                        |                    |
|---------------------|------------------------------|------------------------|--------------------|
| <b>Patient Name</b> | Mr. MAULIK DIPAKKUMAR VORA   | <b>Lab No/ManualNo</b> | 5249841/           |
| <b>UHIDNo/IPNO</b>  | 300427097                    | <b>CollectionDate</b>  | 05/10/2023 9:27AM  |
| <b>Age/Gender</b>   | 34 Years/Male                | <b>Receiving Date</b>  | 05/10/2023 10:09AM |
| <b>Bed No/Ward</b>  | OPD                          | <b>Report Date</b>     | 05/10/2023 3:27PM  |
| <b>Referred By</b>  | Dr. Casualty Medical Officer | <b>Report Status</b>   | Final              |

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

**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Male

|                             |        |                               |               |                                     |       |
|-----------------------------|--------|-------------------------------|---------------|-------------------------------------|-------|
| Gamma GT                    | 27.10  | U/L                           | 10.00 - 71.00 | Enzymatic method                    | Serum |
| Creatinine                  | 0.85   | mg/dL                         | 0.70 - 1.20   | Jaffe Kinetic Compensated           | Serum |
| Age                         | 34     |                               |               |                                     |       |
| Weight                      | 67.7   |                               |               |                                     |       |
| Gender                      | 1      |                               |               |                                     |       |
| eGFR                        | 117.26 | mL/minute/1.73 m <sup>2</sup> | 39 - 137      |                                     |       |
| Uric Acid                   | 5.8    | mg/dL                         | 3.4 - 7.0     | Uricase / Peroxidase (Colorimetric) | Serum |
| Fasting Glucose             | 88.6   | mg/dL                         | 70.0 - 100.0  | Hexokinase                          | Serum |
| Post prandial Glucose       | 91.7   | mg/dL                         | 70.0 - 140.0  | Hexokinase                          | Serum |
| Post prandial Urine Glucose | SNG    |                               |               |                                     |       |

**LIVER FUNCTION TEST (LFT) SERUM**

|                      |               |       |              |                                  |       |
|----------------------|---------------|-------|--------------|----------------------------------|-------|
| SGPT(ALT)            | 23.00         | U/L   | 0.00 - 41.00 | IFCC without pyridoxal phosphate | Serum |
| SGOT(AST)            | 22.70         | U/L   | 0.00 - 40.00 | IFCC without pyridoxal phosphate |       |
| Alkaline Phosphatase | 61.0          | U/L   | 40.0 - 129.0 | PNP-Standardize                  |       |
| Bilirubin Total      | 0.77          | mg/dL | 0.00 - 1.10  | Diazo Method                     |       |
| Bilirubin Direct     | <b>H 0.40</b> | mg/dL | 0.00 - 0.20  | Diazo Method                     |       |



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M.D (Path)  
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|                             |               |        |   |  |
|-----------------------------|---------------|--------|---|--|
| Bilirubin Indirect          | 0.37          | mg/dL  | 0.00 - 1.10   | Calculate from Total and Direct Billirubin |
| Protein Total               | 7.11          | g/dL   | 6.40 - 8.20   | Biuret Method                              |
| Albumin                     | 4.24          | g/dL   | 3.97 - 4.95   | BCG Endpoint                               |
| Globulin                    | 2.87          | g/dL   | 2.20 - 3.50   | Calculated                                 |
| A/G Ratio                   | 1.48          | Ratio  | 0.90 - 2.80   | Ratio                                      |
| EDTA Blood                  |               |        |   |  |
| HbA1c (Glyco Hb)            | 5.52          | %      | 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         | 119.2         | mg/dL  | 80.0 - 140.0  |  |
| Serum                       |               |        |   |  |
| Blood Urea                  | <b>L 10.5</b> | mg/dL  | 16.6 - 48.5   | Urease,Kinetic,GLDH                        |
| BUN*                        | <b>L 4.9</b>  | mg/dL  | 6.0 - 20.0  | Ureas with UV                              |
| Serum                       |               |        |   |  |
| TOTAL T3*                   | 1.190         | ng/mL  | 0.850 - 2.020   | ECLIA.                                     |
| TOTAL T4*                   | 9.590         | ug/dL  | 5.130 - 14.060  | ECLIA.                                     |
| THYROID STIMULATING HORMONE | 2.360         | uIU/mL | 0.270 - 4.200   | ECLIA.                                     |

(\*) Not in NABL Scope

\*\*End Of Report\*\*



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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Male

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

| Test Name                     | Result         | Unit  | Bio. Ref. Range   | Method                     | Sample |
|-------------------------------|----------------|-------|---|----------------------------|--------|
| Sample Type                   | Fasting        |       |   |                            |        |
| Cholesterol Total             | 132.70         | 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                 | 237.20         | 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  | Enzymatic colorimetric     |        |
| Cholesterol HDL               | 24.00          | mg/dL | Less than 40 mg/dL Low<br>60 mg/dL or Above<br>Excellent  | Homogenous Enzymatic       |        |
| LDL Cholesterol (Direct)      | 73.70          | 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       |        |
| Cholesterol VLDL              | <b>H 47.44</b> | mg/dL | < 30  |                            |        |
| LDL/HDL RATIO                 | 3.07           |       | < 3.50  | Calculated                 |        |
| Cholesterol Total / HDL Ratio | <b>H 5.53</b>  |       | < 4.50  |                            |        |



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\*\*End Of Report\*\*



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| <b>Age/Gender</b>   | 34 Years/Male                | <b>Receiving Date</b>  | 05/10/2023 11:48AM |
| <b>Bed No/Ward</b>  | OPD                          | <b>Report Date</b>     | 05/10/2023 2:00PM  |
| <b>Referred By</b>  | Dr. Casualty Medical Officer | <b>Report Status</b>   | Final              |

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**Clinical Pathology**

ArcoFemi Healthcare Ltd Below 40 Male

Stool, Urine

**STOOL ROUTINE**

**Physical Examination:**

|             |             |        |  |
|-------------|-------------|--------|--|
| Colour      | Pale Yellow |        |  |
| Consistency | Semi Solid  |        |  |
| Mucus       | Absent      | Absent |  |

**Chemical Examination:**

|                    |          |          |                                  |
|--------------------|----------|----------|----------------------------------|
| Stool Occult Blood | Negative | Negative | Non-Benzidine Test /Manual/Strip |
|--------------------|----------|----------|----------------------------------|

**Microscopic Examination**

|                 |        |         |            |
|-----------------|--------|---------|------------|
| Pus Cells       | Absent | 0-5     | Microscopy |
| Red Blood Cell  | Nil    | /H.P.F. |            |
| Epithelial cell | Nil    | /H.P.F. |            |
| Fat Globules    | Nil    | Absent  |            |
| Trophozoites    | Nil    | Absent  |            |
| ova             | Nil    | Absent  |            |
| Cysts           | Nil    | Absent  |            |
| Bacteria        | Nil    |         |            |

\*\*End Of Report\*\*



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| <b>Age/Gender</b>   | 34 Years/Male                | <b>Receiving Date</b>  | 05/10/2023 10:19AM |
| <b>Bed No/Ward</b>  | OPD                          | <b>Report Date</b>     | 05/10/2023 2:00PM  |
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**Clinical Pathology**

ArcoFemi Healthcare Ltd Below 40 Male

**URINE ROUTINE EXAMINATION**

Urine

**Physical Examination:**

|             |             |  |               |   |  |
|-------------|-------------|--|---------------|---|--|
| Quantity    | 20 ml       |  |               | Visual method                             |  |
| Colour      | Pale Yellow |  |               | Visual method                             |  |
| Appearance: | Clear       |  |               | 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.Gluocse | Nil    |  |  |                               |  |
| U.Acetone | Absent |  |  |                               |  |
| BS/BP     | Absent |  |  |                               |  |

**Microscopic Examination**

|                 |            |  |         |            |  |
|-----------------|------------|--|---------|------------|--|
| Pus Cell        | Occasional |  | /H.P.F. | Microscopy |  |
| Red Blood Cell  | Nil        |  | /H.P.F. |            |  |
| Epithelial cell | 1-2        |  | /H.P.F. |            |  |
| Cast            | Absent     |  |         |            |  |
| Crystals        | Absent     |  |         |            |  |
| Amorphous       | Absent     |  |         |            |  |
| Monilia         | Absent     |  |         |            |  |
| Other:          | Absent     |  |         |            |  |

\*\*End Of Report\*\*



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



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| <b>Bed No/Ward</b>  | OPD                          | <b>Report Date</b>     | 05/10/2023 12:51PM |
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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Male

**CBC WITH ESR**

EDTA Blood

|                             |               |          |                    |                      |  |
|-----------------------------|---------------|----------|--------------------|----------------------|--|
| Haemoglobin                 | 14.8          | g/dL     | 13.5 - 18.0        | SLS Method           |  |
| Hematocrit/PCV              | <b>L 41.5</b> | %        | 42.0 - 52.0        | H.focusing Method    |  |
| RBC COUNT                   | 4.76          | mill/Cmm | 4.70 - 6.00        | H.focusing impedance |  |
| MCV                         | 87.2          | fl       | 83.0 - 101.0       | Calculated           |  |
| MCH                         | <b>H 31.1</b> | pg       | 27.0 - 31.0        | Calculated           |  |
| MCHC                        | 35.7          | g/dL     | 32.0 - 36.0        | Calculated           |  |
| RDW-CV                      | <b>L 11.3</b> | %        | 11.5 - 14.0        | Calculated           |  |
| Platelet count              | 321000        | /cumm    | 150000 - 450000    | H.focusing impedance |  |
| Mean Platelet Volume(MPV)*  | 9             | fl       | 8 - 12             | Calculated           |  |
| Total Leucocyte Count (TLC) | 5340.00       | /cumm    | 4000.00 - 10500.00 | Flow Cytometry       |  |

**Differential Leucocyte Count**

Flowcytometry/Microscopic

|                       |    |   |             |  |  |
|-----------------------|----|---|-------------|--|--|
| Neutrophils           | 61 | % | 40.0 - 70.0 |  |  |
| Lymphocytes           | 33 | % | 22 - 45     |  |  |
| Eosinophils           | 01 | % | 1.0 - 4.0   |  |  |
| Monocytes             | 05 | % | 1.0 - 6.0   |  |  |
| Basophils             | 00 | % | 0.0 - 1.0   |  |  |
| Immature Granulocytes | 00 | % | 0 - 2       |  |  |

**Absolute Leucocyte Count**

|                                 |        |       |             |  |  |
|---------------------------------|--------|-------|-------------|--|--|
| Absolute Neutrophil Count*      | 3257.4 | /cumm | 1800 - 7700 |  |  |
| Absolute Lymphocyte count*      | 1762.2 | /cumm | 1000 - 4800 |  |  |
| Absolute Eosinophil Count (AEC) | 53.4   | /cumm | 0.0 - 450.0 |  |  |
| Absolute Monocyte Count*        | 267    | /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 27</b> | mm/hr | 0 - 10 | Modified westergren Method |  |
|--------------------------------------|-------------|-------|--------|----------------------------|--|



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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Below 40 Male

**BLOOD GROUPING**

EDTA Blood

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

\*\*End Of Report\*\*



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