



JCI (USA)



NABH

OUR ACCREDITATIONS

**DEPARTMENT OF LABORATORY SERVICES**

|                     |                              |                        |                   |
|---------------------|------------------------------|------------------------|-------------------|
| <b>Patient Name</b> | Mr. VINAY SINGHAL            | <b>RIS No/ManualNo</b> | 5154544/          |
| <b>UHIDNo/IPNO</b>  | 300412214                    | <b>CollectionDate</b>  | 09/06/2023 7:44AM |
| <b>Age/Gender</b>   | 35 Years/Male                | <b>Receiving Date</b>  | 09/06/2023 7:55AM |
| <b>Bed No/Ward</b>  | OPD                          | <b>Report Date</b>     | 09/06/2023 1:15PM |
| <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 Male |        |        |                 |                     |        |
| Gamma GT*                             | 10.40  | U/L    | 10.00 - 71.00   | Enzymatic method    | Serum  |
| Blood Urea                            | 29.8   | mg/dL  | 16.6 - 48.5     | Urease,Kinetic,GLDH | Serum  |
| BUN*                                  | 13.93  | mg/dL  | 6 - 20          | Ureas with UV       |        |
| TOTAL T3*                             | 0.921  | ng/mL  | 0.850 - 2.020   | ECLIA.              | Serum  |
| TOTAL T4*                             | 6.590  | ug/dL  | 5.130 - 14.060  | ECLIA.              |        |
| THYROID STIMULATING HORMONE           | 1.830  | uIU/mL | 0.270 - 4.200   | ECLIA.              |        |

(\*) Not in NABL Scope

\*\*End Of Report\*\*



Dr. Kazumi Gondalia  
M.D (Path)  
Reg.No.: G-21729



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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Male

|   |                |                               |              |  |       |
|---|----------------|-------------------------------|--------------|--|-------|
| Creatinine                                    | 0.87           | mg/dL                         | 0.70 - 1.20  | Jaffe Kinetic Compensated                  | Serum |
| Age   | 35             |                               |              |  |       |
| Weight  | 84             |                               |              |  |       |
| Gender  | 1.00           |                               |              |  |       |
| eGFR  | <b>H 140.8</b> | mL/minute/1.73 m <sup>2</sup> | 39 - 137     |  |       |
| Uric Acid                                     | 6.5            | mg/dL                         | 3.4 - 7.0    | Uricase / Peroxidase (Colorimetric)        | Serum |
| Fasting Glucose                               | 96.5           | mg/dL                         | 70 - 100     | Hexokinase                                 | Serum |
| Post prandial Glucose                         | 73.1           | mg/dL                         | 70 - 140     | Hexokinase                                 | Serum |
| <b><u>LIVER FUNCTION TEST (LFT) SERUM</u></b> |                |                               |              |  |       |
| SGPT(ALT)                                     | 14.10          | U/L                           | 0.00 - 41.00 | IFCC without pyridoxal phosphate           | Serum |
| SGOT(AST)                                     | 16.40          | U/L                           | 0.00 - 40.00 | IFCC without pyridoxal phosphate           |       |
| Alkaline Phosphatase                          | 72.3           | U/L                           | 40 - 129     | PNP-Standardize                            |       |
| Bilirubin Total                               | 0.33           | mg/dL                         | 0.00 - 1.10  | Diazo Method                               |       |
| Bilirubin Direct                              | 0.14           | mg/dL                         | 0.00 - 0.20  | Diazo Method                               |       |
| Bilirubin Indirect                            | 0.19           | mg/dL                         | 0.00 - 1.10  | Calculate from Total and Direct Billirubin |       |
| Protein Total                                 | 7.09           | g/dL                          | 6.40 - 8.20  | Biuret Method                              |       |
| Albumin                                       | 4.35           | g/dL                          | 3.97 - 4.95  | BCG Endpoint                               |       |
| Globulin                                      | 2.74           | g/dL                          | 2.20 - 3.50  | Calculated                                 |       |



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|                     |       |       |  |                     |            |
|---------------------|-------|-------|--|---------------------|------------|
| A/G Ratio           | 1.59  | Ratio | 0.90 - 2.80  | Ratio               |            |
| HbA1c (Glyco Hb)    | 5.37  | %     | 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 | EDTA Blood |
| Mean Plasma Glucose | 113.8 | mg/dL | 80 - 140   |                     |            |

\*\*End Of Report\*\*

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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Male

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

|                               |         |       |   |                            |  |
|-------------------------------|---------|-------|---|----------------------------|--|
| Sample Type                   | Fasting |       |   |                            |  |
| Cholesterol Total             | 177.70  | 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                 | 88.20   | 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               | 35.90   | mg/dL | Less than 40 mg/dL Low<br>60 mg/dL or Above<br>Excellent  | Homogenous Enzymatic       |  |
| LDL Cholesterol (Direct)      | 128.10  | 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              | 17.64   | mg/dL | < 30  |                            |  |
| LDL/HDL RATIO                 | H 3.57  |       | < 3.50  | Calculated                 |  |
| Cholesterol Total / HDL Ratio | H 4.95  |       | < 4.50  |                            |  |

\*\*End Of Report\*\*



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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: | Slightly turbid |  |               | Visual method                             |  |
| Reaction    | 5.0             |  | 4.5 - 8.0     | Reflectance photometer                    |  |
| Sp. Gravity | 1.015           |  | 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        | Occasional |  | /H.P.F. | Microscopy |  |
| Red Blood Cell  | 15-20      |  | /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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| <b>Bed No/Ward</b>  | OPD                          | <b>Report Date</b>     | 09/06/2023 11:42AM |
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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Male

**CBC WITH ESR**

Citrate Whole Blood, EDTA Blood

|                                      |  |          |                 |                            |  |
|--------------------------------------|--|----------|-----------------|----------------------------|--|
| Haemoglobin                          | L 11.6   | g/dL     | 13.5 - 18.0     | SLS Method                 |  |
| Hematocrit/PCV                       | L 37.7   | %        | 42.0 - 52.0     | H.focusing Method          |  |
| RBC COUNT                            | 4.99   | mill/Cmm | 4.70 - 6.00     | H.focusing impedance       |  |
| MCV                                  | L 75.6   | fl       | 83.0 - 101.0    | Calculated                 |  |
| MCH                                  | L 23.2   | pg       | 27.0 - 31.0     | Calculated                 |  |
| MCHC                                 | L 30.8   | g/dL     | 32.0 - 36.0     | Calculated                 |  |
| RDW-CV                               | H 15.3   | %        | 11.5 - 14.0     | Calculated                 |  |
| Platelet count                       | 241000   | /cumm    | 150000 - 450000 | H.focusing impedance       |  |
| Total Leucocyte Count (TLC)          | 4510   | /cumm    | 4000 - 10500    | Flow Cytometry             |  |
| <b>Differential Leucocyte Count</b>  |  |          |                 | Flowcytometry/Microscopic  |  |
| Neutrophils                          | 54   | %        | 40.0 - 70.0     |                            |  |
| Lymphocytes                          | 38   | %        | 22 - 45         |                            |  |
| Eosinophils                          | 01   | %        | 1.0 - 4.0       |                            |  |
| Monocytes                            | H 07   | %        | 1.0 - 6.0       |                            |  |
| Basophils                            | 00   | %        | 0.0 - 1.0       |                            |  |
| Immature Granulocytes                | 00   | %        | 0 - 2           |                            |  |
| <b>Absolute Leucocyte Count</b>      |  |          |                 |                            |  |
| Absolute Neutrophil Count*           | 2435.4   | /cumm    | 1800 - 7700     |                            |  |
| Absolute Lymphocyte count*           | 1713.8   | /cumm    | 1000 - 4800     |                            |  |
| Absolute Eosinophil Count*           | 45.1   | /cumm    | 40 - 450        |                            |  |
| Absolute Monocyte Count*             | 315.7  | /cumm    | 0 - 800         |                            |  |
| Peripheral Smear Study               | RBCs shows Microcytosis(+), Hypochromia(+).<br>Platelets are adequate in number.<br>Malarial Parasites are not seen.<br>No Premature cells are seen. |          |                 |                            |  |
| Erythrocyte Sedimentation Rate (ESR) | 13   | mm/hr    | 0 - 30          | Modified westergren Method |  |

\*\*End Of Report\*\*

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Reg.No:G-14786  
Consultant Pathologist

Prepared By 877

Printed at 09/06/2023 20:00

Page: 6 Of 7

**CIMS Hospital Private Limited**

L-Low  
H-High  
CH - Critical High  
CL - Critical Low

Plot No 67/1, Opp. Pancharut Bunglows, Near Shukan Mall, Off Science City Road, Sola, Ahmedabad - 380060. Gujarat

1800 309 9999 CIN No. U85110GJ2001PT039962

Facilities for home visits available 24 hrs. For pathology appointment contact : +91-79-48052143/1177

Email: marengocims.pathology@marengoasia.com



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**Immuno-Haematology**

ArcoFemi Healthcare Ltd Below 40 Male

EDTA Blood

**BLOOD GROUPING**

ABO Group

"B"

Tube Agglutination Method

Rh Type

Positive

\*\*End Of Report\*\*

Dr. Jitendra Narendrabhai Nayak

Reg.No:G-14786

Consultant Pathologist