



DEPARTMENT OF LABORATORY SERVICES

| | | | |
|--------------------|------------------------------|------------------------|--------------------|
| Patient | Mr. RAHUL M AHIRRAO | Lab No/ManualNo | 5297935/ |
| UHIDNo/IPNO | 300340151 | CollectionDate | 09/12/2023 8:59AM |
| Age/Gender | 32 Years/Male | Receiving Date | 09/12/2023 11:40AM |
| Bed No/Ward | OPD | Report Date | 09/12/2023 12:29PM |
| Referred By | Dr. Casualty Medical Officer | Report Status | Final |
| | | Sample Quality | Normal |

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

| Biochemistry | | | | | |
|---|-----------------|-------------------|---------------|-------------------------------------|-------|
| ArcoFemi Healthcare Ltd Below 40 Male | | | | | |
| Gamma GT | 40.60 | U/L | 10.00 - 71.00 | Enzymatic method | Serum |
| Creatinine | 0.76 | mg/dL | 0.70 - 1.20 | Jaffe Kinetic Compensated | Serum |
| Age | 32 | | | | |
| Weight | 73 | | | | |
| Gender | 1.00 | | | | |
| eGFR | H 144.08 | mL/minute/1.73 m2 | 39 - 137 | | |
| Uric Acid | H 7.8 | mg/dL | 3.4 - 7.0 | Uricase / Peroxidase (Colorimetric) | Serum |
| Fasting Glucose | H 106.0 | mg/dL | < 100.0 | Hexokinase | Serum |
| 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 | | | | | |
| Post prandial Glucose | 112.7 | mg/dL | < 140.0 | Hexokinase | Serum |

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



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As per ADA Guideline

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Normal : Less than 100 mg/dL

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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) | 19.20 | U/L | 0.00 - 41.00 | IFCC without pyridoxal phosphate | |
| SGOT(AST) | 15.90 | U/L | 0.00 - 40.00 | IFCC without pyridoxal phosphate | |
| Alkaline Phosphatase | 86.1 | U/L | 40.0 - 129.0 | PNP-Standardize | |
| Bilirubin Total | 0.29 | mg/dL | 0.00 - 1.10 | Diazo Method | |
| Bilirubin Direct | 0.12 | mg/dL | 0.00 - 0.20 | Diazo Method | |
| Bilirubin Indirect | 0.17 | mg/dL | 0.00 - 1.10 | Calculate from Total and Direct Billirubin | |
| Protein Total | 7.72 | g/dL | 6.40 - 8.20 | Biuret Method | |
| Albumin | 4.90 | g/dL | 3.97 - 4.95 | BCG Endpoint | |
| Globulin | 2.82 | g/dL | 2.20 - 3.50 | Calculated | |
| A/G Ratio | 1.74 | Ratio | 0.90 - 2.80 | Ratio | |

| | | | | | EDTA Blood |
|------------------|------|---|---|---------------------|------------|
| HbA1c (Glyco Hb) | 6.09 | % | 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 | |

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| | | | | |
|-----------------------------|---------------|--------|----------------|-----------------------|
| Mean Plasma Glucose | 139.4 | mg/dL | 80.0 - 140.0 | |
| Blood Urea | L 16.0 | mg/dL | 16.6 - 48.5 | Urease, Kinetic, GLDH |
| BUN* | 7.5 | mg/dL | 6.0 - 20.0 | Ureas with UV |
| TOTAL T3* | 1.280 | ng/mL | 0.850 - 2.020 | ECLIA. |
| TOTAL T4* | 5.850 | ug/dL | 5.130 - 14.060 | ECLIA. |
| THYROID STIMULATING HORMONE | 3.760 | 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

| | | | | | |
|-------------------------------|----------------|-------|---|----------------------------|--|
| Sample Type | Fasting | | | | |
| Cholesterol Total | 266.30 | 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 | 278.40 | mg/dL | Less than 150 mg/dL Normal 150-199 mg/dL Borderline High 200-499 mg/dL High 500 mg/dL or greater very High | GPO-PAP | |
| HDL Cholesterol | 42.60 | mg/dL | Less than 40 mg/dL Low 60 mg/dL or Above Excellent | Homogenous Enzymatic | |
| LDL Cholesterol (Direct) | 194.20 | 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 | |
| VLDL Cholesterol | H 55.68 | mg/dL | < 30 | Calculated | |
| LDL/HDL RATIO | H 4.56 | | < 3.50 | Calculated | |
| Cholesterol Total / HDL Ratio | H 6.25 | | < 4.50 | | |

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| Age/Gender | 32 Years/Male | Receiving Date | 09/12/2023 9:43AM |
| Bed No/Ward | OPD | Report Date | 09/12/2023 11:46AM |
| Referred By | Dr. Casualty Medical Officer | Report Status | Final |
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| Test Name | Result | Unit | Bio. Ref. Range | Method | Sample |
|-----------|--------|------|-----------------|--------|--------|
|-----------|--------|------|-----------------|--------|--------|

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 | 6.5 | | 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.Gluocse | Absent | | | | |
| 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 | | | | |

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|-----------|--------|------|-----------------|--------|--------|

| Haematology | | | | | |
|---------------------------------------|---|----------|--------------------|--|------------|
| ArcoFemi Healthcare Ltd Below 40 Male | | | | | |
| | | | | | EDTA Blood |
| CBC WITH ESR | | | | | |
| Haemoglobin | L 13.3 | g/dL | 13.5 - 18.0 | SLS Method | |
| Hematocrit/PCV | L 39.9 | % | 42.0 - 52.0 | H.focusing Method | |
| RBC COUNT | L 4.46 | mill/Cmm | 4.70 - 6.00 | H.focusing impedance | |
| MCV | 89.5 | fl | 83.0 - 101.0 | Calculated | |
| MCH | 29.8 | pg | 27.0 - 31.0 | Calculated | |
| MCHC | 33.3 | g/dL | 32.0 - 36.0 | Calculated | |
| RDW-CV | 12.6 | % | 11.5 - 14.0 | Calculated | |
| Platelet count | 378000 | /cumm | 150000 - 410000 | H.focusing impedance | |
| Mean Platelet Volume(MPV)* | 9.4 | fl | 8 - 12 | Calculated | |
| Total Leucocyte Count (TLC) | 5600.00 | /cumm | 4000.00 - 10500.00 | Flow Cytometry | |
| Differential Leucocyte Count | | | | Flowcytometry/Microscopic | |
| Neutrophils | 52 | % | 40.0 - 70.0 | | |
| Lymphocytes | 40 | % | 22 - 45 | | |
| Eosinophils | 03 | % | 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* | 2912 | /cumm | 1800 - 7700 | | |
| Absolute Lymphocyte count* | 2240 | /cumm | 1000 - 4800 | | |
| Absolute Eosinophil Count (AEC) | 168.0 | /cumm | 0.0 - 450.0 | | |
| Absolute Monocyte Count* | 280 | /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) | 05 | mm/hr | 0 - 10 | Photometric capillary stopped flow kinetic | |

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Immuno-Haematology

ArcoFemi Healthcare Ltd Below 40 Male

EDTA Blood

BLOOD GROUPING

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

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