



DEPARTMENT OF LABORATORY SERVICES

| | | | |
|---------------------|-------------------------------|------------------------|--------------------|
| Patient Name | Mr. MAHAMMADRIYAZ IQBALHUSAIN | RIS No/ManualNo | 5239169/ |
| UHIDNo/IPNO | GHANCHI 300302221 | CollectionDate | 23/09/2023 7:59AM |
| Age/Gender | 35 Years/Male | Receiving Date | 23/09/2023 8:12AM |
| Bed No/Ward | OPD | Report Date | 23/09/2023 12:51PM |
| Referred By | Dr. Casualty Medical Officer | Report Status | Final |

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

Biochemistry

ArcoFemi Healthcare Ltd Below 40 Male

| | | | | | |
|---|----------------|-------|---------------|--|-------|
| Gamma GT | H 75.10 | U/L | 10.00 - 71.00 | Enzymatic method | Serum |
| Creatinine | 0.70 | mg/dL | 0.70 - 1.20 | Jaffe Kinetic Compensated | Serum |
| Uric Acid | 5.1 | mg/dL | 3.4 - 7.0 | Uricase / Peroxidase (Colorimetric) | Serum |
| Fasting Glucose | H 102.5 | mg/dL | 70.0 - 100.0 | Hexokinase | Serum |
| <u>LIVER FUNCTION TEST (LFT) SERUM</u> | | | | | |
| SGPT(ALT) | H 45.90 | U/L | 0.00 - 41.00 | IFCC without pyridoxal phosphate | Serum |
| SGOT(AST) | 27.30 | U/L | 0.00 - 40.00 | IFCC without pyridoxal phosphate | |
| Alkaline Phosphatase | 77.1 | U/L | 40.0 - 129.0 | PNP-Standardize | |
| Bilirubin Total | 0.40 | mg/dL | 0.00 - 1.10 | Diazo Method | |
| Bilirubin Direct | 0.15 | mg/dL | 0.00 - 0.20 | Diazo Method | |
| Bilirubin Indirect | 0.25 | mg/dL | 0.00 - 1.10 | Calculate from Total and Direct Billirubin | |
| Protein Total | 7.43 | g/dL | 6.40 - 8.20 | Biuret Method | |
| Albumin | 4.59 | g/dL | 3.97 - 4.95 | BCG Endpoint | |
| Globulin | 2.84 | g/dL | 2.20 - 3.50 | Calculated | |
| A/G Ratio | 1.62 | Ratio | 0.90 - 2.80 | Ratio | |
| Blood Urea | 20.8 | mg/dL | 16.6 - 48.5 | Urease,Kinetic,GLDH | Serum |



Dr. Shreya Dineshbhai Patel
Reg.No.:-G-26728
Consultant Pathologist



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| | | | | | |
|-----------------------------|----------------|--------|----------------|---------------|-------|
| BUN* | 9.7 | mg/dL | 6.0 - 20.0 | Ureas with UV | |
| TOTAL T3* | 1.590 | ng/mL | 0.850 - 2.020 | ECLIA. | Serum |
| TOTAL T4* | 9.250 | ug/dL | 5.130 - 14.060 | ECLIA. | |
| THYROID STIMULATING HORMONE | H 5.060 | 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 | | | | | |
| Post prandial Glucose | 138.2 | mg/dL | 70.0 - 140.0 | Hexokinase | Serum |
| Post prandial Urine Glucose | S.N.G. = Sample Not Given | | | | |

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



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| | | | | | EDTA Blood |
| HbA1c (Glyco Hb) | 5.41 | % | 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 | |
| Mean Plasma Glucose | 115.3 | mg/dL | 80.0 - 140.0 | | |

End Of Report



Dr. Jitendra Narendrabhai Nayak
Reg.No:G-14786
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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Male

LIPID PROFILE (WITH DIRECT LDL)

Serum

| | | | | | |
|-------------------------------|----------------|-------|---|----------------------------|--|
| Sample Type | Fasting | | | | |
| Cholesterol Total | 207.90 | 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 | 179.80 | 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 | Enzymatic colorimetric | |
| Cholesterol HDL | 31.20 | mg/dL | Less than 40 mg/dL Low 60 mg/dL or Above Excellent | Homogenous Enzymatic | |
| LDL Cholesterol (Direct) | 161.60 | 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 | |
| Cholesterol VLDL | H 35.96 | mg/dL | < 30 | | |
| LDL/HDL RATIO | H 5.18 | | < 3.50 | Calculated | |
| Cholesterol Total / HDL Ratio | H 6.66 | | < 4.50 | | |



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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 | | | 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 | Nil | | | | |
| 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 | | | | |

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Haematology

ArcoFemi Healthcare Ltd Below 40 Male

CBC WITH ESR

EDTA Blood

| | | | | | |
|-----------------------------|---------------|----------|--------------------|----------------------|--|
| Haemoglobin | L 12.9 | g/dL | 13.5 - 18.0 | SLS Method | |
| Hematocrit/PCV | L 38.1 | % | 42.0 - 52.0 | H.focusing Method | |
| RBC COUNT | L 4.56 | mill/Cmm | 4.70 - 6.00 | H.focusing impedance | |
| MCV | 83.6 | fl | 83.0 - 101.0 | Calculated | |
| MCH | 28.3 | pg | 27.0 - 31.0 | Calculated | |
| MCHC | 33.9 | g/dL | 32.0 - 36.0 | Calculated | |
| RDW-CV | 13.4 | % | 11.5 - 14.0 | Calculated | |
| Platelet count | 203000 | /cumm | 150000 - 450000 | H.focusing impedance | |
| Mean Platelet Volume(MPV)* | 10 | fl | 8 - 12 | Calculated | |
| Total Leucocyte Count (TLC) | 6120.00 | /cumm | 4000.00 - 10500.00 | Flow Cytometry | |

Differential Leucocyte Count

Flowcytometry/Microscopic

| | | | | | |
|-----------------------|----|---|-------------|--|--|
| Neutrophils | 67 | % | 40.0 - 70.0 | | |
| Lymphocytes | 25 | % | 22 - 45 | | |
| Eosinophils | 02 | % | 1.0 - 4.0 | | |
| Monocytes | 06 | % | 1.0 - 6.0 | | |
| Basophils | 00 | % | 0.0 - 1.0 | | |
| Immature Granulocytes | 00 | % | 0 - 2 | | |

Absolute Leucocyte Count

| | | | | | |
|---------------------------------|--------|-------|-------------|--|--|
| Absolute Neutrophil Count* | 4100.4 | /cumm | 1800 - 7700 | | |
| Absolute Lymphocyte count* | 1530 | /cumm | 1000 - 4800 | | |
| Absolute Eosinophil Count (AEC) | 122.4 | /cumm | 0.0 - 450.0 | | |
| Absolute Monocyte Count* | 367.2 | /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) | H 15 | 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 | "A" | | | Tube Agglutination Method | |
| Rh Type | Positive | | | | |

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