



DEPARTMENT OF LABORATORY SERVICES

| | | | |
|--------------------|------------------------------|------------------------|-------------------|
| Patient | Mrs. SUMAN MEENA | Lab No/ManualNo | 5379699/ |
| UHIDNo/IPNO | 300445287 | CollectionDate | 09/03/2024 8:43AM |
| Age/Gender | 42 Years/Female | Receiving Date | 09/03/2024 8:51AM |
| Bed No/Ward | OPD | Report Date | 09/03/2024 1:14PM |
| 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 Above 40 Female

| | | | | | |
|-----------------|-----------------|-------------------|--------------|-------------------------------------|-------|
| | | | | | Serum |
| Gamma GT | 16.80 | U/L | 6.00 - 42.00 | Enzymatic method | Serum |
| Creatinine | 0.69 | mg/dL | 0.50 - 0.90 | Jaffe Kinetic Compensated | |
| Age | 42 | | | | |
| Weight | 68 | | | | |
| Gender | 0.85 | | | | |
| eGFR | H 114.02 | mL/minute/1.73 m2 | 50 - 102 | | Serum |
| Uric Acid | H 5.9 | mg/dL | 2.4 - 5.7 | Uricase / Peroxidase (Colorimetric) | Serum |
| Fasting Glucose | 99.9 | 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) | H 34.00 | U/L | 0.00 - 33.00 | IFCC without pyridoxal phosphate |
| SGOT(AST) | H 37.40 | U/L | 0.00 - 32.00 | IFCC without pyridoxal phosphate |
| Alkaline Phosphatase | 71.6 | U/L | 35.0 - 140.0 | PNP-Standardize |
| Bilirubin Total | 0.36 | mg/dL | 0.00 - 1.00 | Diazo Method |
| Bilirubin Direct | 0.15 | mg/dL | 0.00 - 0.20 | Diazo Method |
| Bilirubin Indirect | 0.21 | mg/dL | 0.00 - 1.10 | Calculate from Total and Direct Billirubin |
| Protein Total | 7.28 | g/dL | 6.40 - 8.20 | Biuret Method |
| Albumin | 4.40 | g/dL | 3.97 - 4.95 | BCG Endpoint |
| Globulin | 2.88 | g/dL | 2.20 - 3.50 | Calculated |
| A/G Ratio | 1.53 | Ratio | 0.90 - 2.80 | Ratio |

EDTA Blood

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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Female

Serum

| | | | | | |
|-----------------------------|------|-------|---------|------------|--|
| Post prandial Glucose | 84.5 | mg/dL | < 140.0 | Hexokinase | |
| Post prandial Urine Glucose | SNG | | | | |

As per ADA Guideline

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For Random Plasma Glucose

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End Of Report

Dr. Kazumi Gondalia

M.D (Path)

Reg.No.: G-21729



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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Female

LIPID PROFILE (WITH DIRECT LDL)

Serum

| | | | | | |
|-------------------------------|---------|-------|---|----------------------------|--|
| Sample Type | Fasting | | | | |
| Cholesterol Total | 156.90 | 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 | 92.20 | 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 | 41.70 | mg/dL | Less than 40 mg/dL Low 60 mg/dL or Above Excellent | Homogenous Enzymatic | |
| LDL Cholesterol (Direct) | 102.30 | 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 | 18.44 | mg/dL | < 30 | Calculated | |
| LDL/HDL RATIO | 2.45 | | < 3.50 | Calculated | |
| Cholesterol Total / HDL Ratio | 3.76 | | < 4.50 | | |

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End Of Report

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| Age/Gender | 42 Years/Female | Receiving Date | 09/03/2024 9:46AM |
| Bed No/Ward | OPD | Report Date | 09/03/2024 11:48AM |
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| | | Sample Quality | |

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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 | 3-4 | | /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 Above 40 Female

CBC WITH ESR

EDTA Blood

| | | | | | |
|--------------------------------------|---|----------|--------------------|--|--|
| Haemoglobin | 12.5 | g/dL | 12.5 - 16.0 | SLS Method | |
| Hematocrit/PCV | 39.1 | % | 37.0 - 47.0 | H.focusing Method | |
| RBC COUNT | 4.80 | mill/Cmm | 4.20 - 5.40 | H.focusing impedance | |
| MCV | L 81.5 | fl | 83.0 - 101.0 | Calculated | |
| MCH | L 26.0 | pg | 27.0 - 31.0 | Calculated | |
| MCHC | 32.0 | g/dL | 32.0 - 36.0 | Calculated | |
| RDW-CV | 13.9 | % | 11.5 - 14.0 | Calculated | |
| Platelet count | 226000 | /cumm | 150000 - 410000 | H.focusing impedance | |
| Mean Platelet Volume(MPV)* | 10.8 | fl | 8 - 12 | Calculated | |
| Total Leucocyte Count (TLC) | 6380.00 | /cumm | 4000.00 - 10500.00 | Flow Cytometry | |
| Differential Leucocyte Count | | | | Flowcytometry/Microscopic | |
| Neutrophils | 58 | % | 40.0 - 70.0 | | |
| Lymphocytes | 32 | % | 22 - 45 | | |
| Eosinophils | 02 | % | 1.0 - 4.0 | | |
| Monocytes | H 08 | % | 1.0 - 6.0 | | |
| Basophils | 00 | % | 0.0 - 1.0 | | |
| Absolute Leucocyte Count | | | | | |
| Absolute Neutrophil Count* | 3700.4 | /cumm | 1800 - 7700 | | |
| Absolute Lymphocyte count* | 2041.6 | /cumm | 1000 - 4800 | | |
| Absolute Eosinophil Count (AEC) | 127.6 | /cumm | 0.0 - 450.0 | | |
| Absolute Monocyte Count* | 510.4 | /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 24 | 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 | "A" | | | Tube Agglutination Method | |
| Rh Type | Negative | | | | |

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