



JCI (USA)

OUR ACCREDITATIONS

DEPARTMENT OF LABORATORY SERVICES

| | | | |
|--------------------|------------------------------|------------------------|--------------------|
| Patient | Mrs. MANISHA . | Lab No/ManualNo | 5396431/ |
| UHIDNo/IPNO | 300447776 | CollectionDate | 28/03/2024 10:33AM |
| Age/Gender | 51 Years/Female | Receiving Date | 28/03/2024 10:59AM |
| Bed No/Ward | OPD | Report Date | 28/03/2024 3:54PM |
| 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 | 10.00 | U/L | 6.00 - 42.00 | Enzymatic method | Serum |
| Creatinine | 0.59 | mg/dL | 0.50 - 0.90 | Jaffe Kinetic Compensated | |
| Age | 51 | | | | |
| Weight | 66 | | | | |
| Gender | 0.85 | | | | |
| eGFR | H 117.54 | mL/minute/1.73 m2 | 50 - 102 | | Serum |
| Uric Acid | 3.8 | mg/dL | 2.4 - 5.7 | Uricase / Peroxidase (Colorimetric) | Serum |
| Fasting Glucose | 96.6 | mg/dL | < 100.0 | Hexokinase | Serum |
| As per ADA Guideline Normal : Less than 100 mg/dL Prediabetes : 100 mg/dL to 125 mg/dL Diabetes : 126 mg/dL or Higher | | | | | |

Dr. Kazumi Gondalia
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Post prandial Glucose 114.8 mg/dL < 140.0 Hexokinase
 Post prandial Urine Glucose SNG
 As per ADA Guideline
 Normal : Less than 100 mg/dL
 Prediabetes : 100 mg/dL to 125 mg/dL
 Diabetes : 126 mg/dL or Higher

***LIVER FUNCTION TEST (LFT) SERUM**

Serum

| | | | | |
|----------------------|-------|-------|--------------|--|
| SGPT(ALT) | 13.40 | U/L | 0.00 - 33.00 | IFCC without pyridoxal phosphate |
| SGOT(AST) | 29.90 | U/L | 0.00 - 32.00 | IFCC without pyridoxal phosphate |
| Alkaline Phosphatase | 112.3 | U/L | 35.0 - 140.0 | PNP-Standardize |
| Bilirubin Total | 0.37 | mg/dL | 0.00 - 1.00 | Diazo Method |
| Bilirubin Direct | 0.09 | mg/dL | 0.00 - 0.20 | Diazo Method |
| Bilirubin Indirect | 0.28 | mg/dL | 0.00 - 1.10 | Calculate from Total and Direct Billirubin |
| Protein Total | 7.71 | g/dL | 6.40 - 8.20 | Biuret Method |
| Albumin | 4.35 | g/dL | 3.97 - 4.95 | BCG Endpoint |
| Globulin | 3.36 | g/dL | 2.20 - 3.50 | Calculated |
| A/G Ratio | 1.29 | Ratio | 0.90 - 2.80 | Ratio |

EDTA Blood



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| | | | | | |
|-----------------------------|-------|--------|--|---------------------|-------|
| HbA1c (Glyco Hb) | 5.70 | % | 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 | 127.0 | mg/dL | 80.0 - 140.0 | | Serum |
| Blood Urea | 29.5 | mg/dL | 16.6 - 48.5 | Urease,Kinetic,GLDH | |
| BUN* | 13.8 | mg/dL | 6.0 - 20.0 | Ureas with UV | Serum |
| TOTAL T3* | 1.220 | ng/mL | 0.850 - 2.020 | ECLIA. | |
| TOTAL T4* | 7.560 | ug/dL | 5.130 - 14.060 | ECLIA. | |
| THYROID STIMULATING HORMONE | 1.020 | uIU/mL | 0.270 - 4.200 | ECLIA. | |

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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Female

***LIPID PROFILE (WITH DIRECT LDL**

Serum

| | | | | | |
|-------------------------------|---------|-------|---|----------------------------|--|
| Sample Type | Fasting | | | | |
| Cholesterol Total | 215.00 | 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 | 54.40 | 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 | 59.70 | mg/dL | Less than 40 mg/dL Low 60 mg/dL or Above Excellent | Homogenous Enzymatic | |
| LDL Cholesterol (Direct) | 155.30 | 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 | 10.88 | mg/dL | < 30 | Calculated | |
| LDL/HDL RATIO | 2.60 | | < 3.50 | Calculated | |
| Cholesterol Total / HDL Ratio | 3.60 | | < 4.50 | | |

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Clinical Pathology

ArcoFemi Healthcare Ltd Above 40 Female

***STOOL ROUTINE**

Stool, Urine

Physical Examination:

| | | | |
|-------------|------------|--------|--|
| Colour | Brownish | | |
| Consistency | Semi Solid | | |
| Mucus | Absent | Absent | |
| Blood | Absent | Absent | |

Chemical Examination:

| | | | |
|---------------------|----------|----------|----------------------------------|
| Stool Occult Blood | Negative | Negative | Non-Benzidine Test /Manual/Strip |
| Reducing Substances | Absent | | Benedicts Method |

Microscopic Examination

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

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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 | 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.Glucose | Nil | | | | |
| U.Acetone | Absent | | | | |
| BS/BP | Absent | | | | |

Microscopic Examination

| | | | | | |
|-----------------|--------|--|---------|------------|--|
| Pus Cell | 4-5 | | /H.P.F. | Microscopy | |
| Red Blood Cell | Nil | | /H.P.F. | | |
| Epithelial cell | 2-5 | | /H.P.F. | | |
| Cast | Absent | | | | |
| Crystals | Absent | | | | |
| Amorphous | Absent | | | | |
| Monilia | Absent | | | | |

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Haematology

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***CBC WITH ESR**

EDTA Blood

| | | | | | |
|--------------------------------------|---|----------|--------------------|--|--|
| Haemoglobin | L 12.3 | g/dL | 12.5 - 16.0 | SLS Method | |
| Hematocrit/PCV | 37.1 | % | 37.0 - 47.0 | H.focusing Method | |
| RBC COUNT | 4.67 | mill/Cmm | 4.20 - 5.40 | H.focusing impedance | |
| MCV | L 79.4 | fl | 83.0 - 101.0 | Calculated | |
| MCH | L 26.3 | pg | 27.0 - 31.0 | Calculated | |
| MCHC | 33.2 | g/dL | 32.0 - 36.0 | Calculated | |
| RDW-CV | H 14.1 | % | 11.5 - 14.0 | Calculated | |
| Platelet count | 394000 | /cumm | 150000 - 410000 | H.focusing impedance | |
| Mean Platelet Volume(MPV)* | 9.8 | fl | 8 - 12 | Calculated | |
| Total Leucocyte Count (TLC) | 6800.00 | /cumm | 4000.00 - 10500.00 | Flow Cytometry | |
| Differential Leucocyte Count | | | | Flowcytometry/Microscopic | |
| Neutrophils | 68 | % | 40 - 70 | | |
| Lymphocytes | 22 | % | 22 - 45 | | |
| Eosinophils | 03 | % | 1 - 4 | | |
| Monocytes | H 07 | % | 1 - 6 | | |
| Basophils | 00 | % | 0 - 1 | | |
| Immature Granulocytes | 00 | % | 0 - 2 | | |
| Absolute Leucocyte Count | | | | | |
| Absolute Neutrophil Count* | 4624 | /cumm | 1800 - 7700 | | |
| Absolute Lymphocyte count* | 1496 | /cumm | 1000 - 4800 | | |
| Absolute Eosinophil Count (AEC) | 204.0 | /cumm | 0.0 - 450.0 | | |
| Absolute Monocyte Count* | 476 | /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 55 | mm/hr | 0 - 19 | Photometric capillary stopped flow kinetic | |



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Immuno-Haematology

ArcoFemi Healthcare Ltd Above 40 Female

***BLOOD GROUPING**

EDTA Blood

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

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