



DEPARTMENT OF LABORATORY SERVICES

| | | | |
|---------------------|------------------------------|------------------------|--------------------|
| Patient Name | Mrs. BHUMIBEN PARMAR | RIS No/ManualNo | 5227263/ |
| UHIDNo/IPNO | 300423367 | CollectionDate | 09/09/2023 8:18AM |
| Age/Gender | 24 Years/Female | Receiving Date | 09/09/2023 8:26AM |
| Bed No/Ward | OPD | Report Date | 09/09/2023 12:59PM |
| Referred By | Dr. Casualty Medical Officer | Report Status | Final |

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

Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

| | | | | | |
|--|-----------------|-------------------|--------------|--|-------|
| Gamma GT | 19.50 | U/L | 6.00 - 42.00 | Enzymatic method | Serum |
| Creatinine | 0.73 | mg/dL | 0.50 - 0.90 | Jaffe Kinetic Compensated | Serum |
| Age | 24 | | | | |
| Weight | 60 | | | | |
| Gender | 0.85 | | | | |
| eGFR | H 112.56 | mL/minute/1.73 m2 | 72 - 110 | | |
| Uric Acid | 5.3 | mg/dL | 2.4 - 5.7 | Uricase / Peroxidase (Colorimetric) | Serum |
| Fasting Glucose | 91.1 | mg/dL | 70.0 - 100.0 | Hexokinase | Serum |
| LIVER FUNCTION TEST (LFT) SERUM | | | | | Serum |
| SGPT(ALT) | H 36.10 | U/L | 0.00 - 33.00 | IFCC without pyridoxal phosphate | |
| SGOT(AST) | H 33.00 | U/L | 0.00 - 32.00 | IFCC without pyridoxal phosphate | |
| Alkaline Phosphatase | 93.9 | U/L | 35.0 - 140.0 | PNP-Standardize | |
| Bilirubin Total | 0.90 | mg/dL | 0.00 - 1.00 | Diazo Method | |
| Bilirubin Direct | H 0.27 | mg/dL | 0.00 - 0.20 | Diazo Method | |
| Bilirubin Indirect | 0.63 | mg/dL | 0.00 - 1.10 | Calculate from Total and Direct Billirubin | |
| Protein Total | 7.24 | g/dL | 6.40 - 8.20 | Biuret Method | |
| Albumin | 4.43 | g/dL | 3.97 - 4.95 | BCG Endpoint | |
| Globulin | 2.81 | g/dL | 2.20 - 3.50 | Calculated | |

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Reg.No:G-14786
Consultant Pathologist



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|-----------------------------|-------|--------|--|---------------------|------------|
| A/G Ratio | 1.58 | Ratio | 0.90 - 2.80 | Ratio | |
| HbA1c (Glyco Hb) | 5.46 | % | 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 | EDTA Blood |
| Mean Plasma Glucose | 116.9 | mg/dL | 80.0 - 140.0 | | |
| Blood Urea | 19.3 | mg/dL | 16.6 - 48.5 | Urease,Kinetic,GLDH | Serum |
| BUN* | 9.0 | mg/dL | 6.0 - 20.0 | Ureas with UV | |
| TOTAL T3* | 0.904 | ng/mL | 0.850 - 2.020 | ECLIA. | Serum |
| TOTAL T4* | 5.480 | ug/dL | 5.130 - 14.060 | ECLIA. | |
| THYROID STIMULATING HORMONE | 3.450 | uIU/mL | 0.270 - 4.200 | ECLIA. | |

(*) Not in NABL Scope

End Of Report

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| Age/Gender | 24 Years/Female | Receiving Date | 09/09/2023 11:36AM |
| Bed No/Ward | OPD | Report Date | 09/09/2023 12:59PM |
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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

Serum

| | | | | |
|-----------------------------|---------------------------|-------|--------------|------------|
| Post prandial Glucose | 99.6 | mg/dL | 70.0 - 140.0 | Hexokinase |
| Post prandial Urine Glucose | S.N.G. = Sample Not Given | | | |

End Of Report

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



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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Female

LIPID PROFILE (WITH DIRECT LDL)

Serum

| | | | | | |
|-------------------------------|---------|-------|---|----------------------------|--|
| Sample Type | Fasting | | | | |
| Cholesterol Total | 171.30 | 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 | 146.10 | 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 | 43.00 | mg/dL | Less than 40 mg/dL Low 60 mg/dL or Above Excellent | Homogenous Enzymatic | |
| LDL Cholesterol (Direct) | 114.30 | 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 | |
| Cholesterol VLDL | 29.22 | mg/dL | < 30 | | |
| LDL/HDL RATIO | 2.66 | | < 3.50 | Calculated | |
| Cholesterol Total / HDL Ratio | 3.98 | | < 4.50 | | |

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| Bed No/Ward | OPD | Report Date | 09/09/2023 10:23AM |
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Clinical Pathology

ArcoFemi Healthcare Ltd Below 40 Female

URINE ROUTINE EXAMINATION

Urine

Physical Examination:

| | | | | | |
|-------------|-------------|--|---------------|---|--|
| Quantity | 20 ml | | | Visual method | |
| Colour | Pale Yellow | | | Visual method | |
| Appearance: | Clear | | | Visual method | |
| Reaction | 6 | | | 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 | 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

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CBC WITH ESR

EDTA Blood

| | | | | | |
|--------------------------------------|--|----------|--------------------|----------------------------|--|
| Haemoglobin | 13.0 | g/dL | 12.5 - 16.0 | SLS Method | |
| Hematocrit/PCV | 38.6 | % | 37.0 - 47.0 | H.focusing Method | |
| RBC COUNT | 4.28 | mill/Cmm | 4.20 - 5.40 | H.focusing impedance | |
| MCV | 90.2 | fl | 83.0 - 101.0 | Calculated | |
| MCH | 30.4 | pg | 27.0 - 31.0 | Calculated | |
| MCHC | 33.7 | g/dL | 32.0 - 36.0 | Calculated | |
| RDW-CV | 12.3 | % | 11.5 - 14.0 | Calculated | |
| Platelet count | 199000 | /cumm | 150000 - 450000 | H.focusing impedance | |
| Mean Platelet Volume(MPV)* | 11 | fl | 8 - 12 | Calculated | |
| Total Leucocyte Count (TLC) | 7980.00 | /cumm | 4000.00 - 10500.00 | Flow Cytometry | |
| Differential Leucocyte Count | | | | Flowcytometry/Microscopic | |
| Neutrophils | 56 | % | 40.0 - 70.0 | | |
| Lymphocytes | 33 | % | 22 - 45 | | |
| Eosinophils | H 05 | % | 1.0 - 4.0 | | |
| Monocytes | 06 | % | 1.0 - 6.0 | | |
| Basophils | 00 | % | 0.0 - 1.0 | | |
| Absolute Leucocyte Count | | | | | |
| Absolute Neutrophil Count* | 4468.8 | /cumm | 1800 - 7700 | | |
| Absolute Lymphocyte count* | 2633.4 | /cumm | 1000 - 4800 | | |
| Absolute Eosinophil Count (AEC) | 399.0 | /cumm | 0.0 - 450.0 | | |
| Absolute Monocyte Count* | 478.8 | /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) | 8 | mm/hr | 0 - 12 | Modified westergren Method | |

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| Age/Gender | 24 Years/Female | Receiving Date | 09/09/2023 1:37PM |
| Bed No/Ward | OPD | Report Date | 09/09/2023 2:54PM |
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CytoPathology

ArcoFemi Healthcare Ltd Below 40 Female

Cytopathology Pathology Report

Specimen

Cervical PAP smear.

Clinical Diagnosis

LMP : 09/08/2023, POG0.

Gross Description

Two fixed unstained slides received, PAP stain done.

Microscopic Description

Smears are satisfactory for evaluation.
Many superficial, intermediate cells and few parabasal cells seen.
Mild inflammation with predominance of neutrophils seen.
Moderate lactobacilli are seen. No parasites/ fungi.
No evidence of intraepithelial lesion or malignancy.

Diagnosis

Cervical smear - **Mild inflammation and no evidence of intraepithelial lesion or malignancy.**

Note- The pap test is a screening procedure to aid in the detection of cervical cancer and its precursors. Because false negative results may occur, regular PAP tests are recommended.

(*) Not in NABL Scope

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Immuno-Haematology

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BLOOD GROUPING

EDTA Blood

ABO Group

"O"

Tube Agglutination Method

Rh Type

Negative

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