



JCI (USA)

NABH
OUR ACCREDITATIONS

DEPARTMENT OF LABORATORY SERVICES

| | | | |
|--------------------|------------------------------|------------------------|--------------------|
| Patient | Mrs. PRIYANKA PRAKASH | Lab No/ManualNo | 5329685/ |
| UHIDNo/IPNO | 300324966 | CollectionDate | 13/01/2024 9:29AM |
| Age/Gender | 38 Years/Female | Receiving Date | 13/01/2024 12:37PM |
| Bed No/Ward | OPD | Report Date | 13/01/2024 2:06PM |
| 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 Female | | | | | |
| | | | | | Serum |
| Gamma GT | 8.90 | U/L | 6.00 - 42.00 | Enzymatic method | |
| | | | | | Serum |
| Creatinine | 0.62 | mg/dL | 0.50 - 0.90 | Jaffe Kinetic Compensated | |
| Age | 38 | | | | |
| Weight | 66 | | | | |
| Gender | 0.85 | | | | |
| eGFR | 128.19 | mL/minute/1.73 m2 | 71 - 140 | | |
| | | | | | Serum |
| Uric Acid | 4.0 | mg/dL | 2.4 - 5.7 | Uricase / Peroxidase (Colorimetric) | |
| | | | | | Serum |
| Fasting Glucose | H 100.1 | mg/dL | < 100.0 | Hexokinase | |
| 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 | | | | | |
| | | | | | Serum |
| Post prandial Glucose | 110.2 | mg/dL | < 140.0 | Hexokinase | |

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



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| Age/Gender | 38 Years/Female | Receiving Date | 13/01/2024 9:57AM |
| Bed No/Ward | OPD | Report Date | 13/01/2024 2:06PM |
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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) | 11.80 | U/L | 0.00 - 33.00 | IFCC without pyridoxal phosphate | |
| SGOT(AST) | 14.30 | U/L | 0.00 - 32.00 | IFCC without pyridoxal phosphate | |
| Alkaline Phosphatase | 89.0 | U/L | 35.0 - 140.0 | PNP-Standardize | |
| Bilirubin Total | 0.33 | mg/dL | 0.00 - 1.00 | Diazo Method | |
| Bilirubin Direct | 0.15 | mg/dL | 0.00 - 0.20 | Diazo Method | |
| Bilirubin Indirect | 0.18 | mg/dL | 0.00 - 1.10 | Calculate from Total and Direct Billirubin | |
| Protein Total | 7.01 | g/dL | 6.40 - 8.20 | Biuret Method | |
| Albumin | 4.28 | g/dL | 3.97 - 4.95 | BCG Endpoint | |
| Globulin | 2.73 | g/dL | 2.20 - 3.50 | Calculated | |
| A/G Ratio | 1.57 | Ratio | 0.90 - 2.80 | Ratio | |
| | | | | | |
| HbA1c (Glyco Hb) | 5.54 | % | 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 |



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| | | | | |
|-----------------------------|----------------|--------|----------------|-----------------------|
| Mean Plasma Glucose | 119.8 | mg/dL | 80.0 - 140.0 | |
| Blood Urea | L 16.5 | mg/dL | 16.6 - 48.5 | Urease, Kinetic, GLDH |
| BUN* | 7.7 | mg/dL | 6.0 - 20.0 | Ureas with UV |
| TOTAL T3* | 1.110 | ng/mL | 0.850 - 2.020 | ECLIA. |
| TOTAL T4* | 6.330 | ug/dL | 5.130 - 14.060 | ECLIA. |
| THYROID STIMULATING HORMONE | H 4.580 | uIU/mL | 0.270 - 4.200 | ECLIA. |

(*) Not in NABL Scope

End Of Report

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| Biochemistry | | | | | |
|-----------------------------------------|---------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------|
| ArcoFemi Healthcare Ltd Below 40 Female | | | | | |
| | | | | | Serum |
| LIPID PROFILE (WITH DIRECT LDL) | | | | | |
| Sample Type | Fasting | | | | |
| Cholesterol Total | 118.80 | 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 | 79.90 | 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 | 32.50 | mg/dL | Less than 40 mg/dL Low 60 mg/dL or Above Excellent | Homogenous Enzymatic | |
| LDL Cholesterol (Direct) | 79.00 | 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 | 15.98 | mg/dL | < 30 | Calculated | |
| LDL/HDL RATIO | 2.43 | | < 3.50 | Calculated | |
| Cholesterol Total / HDL Ratio | 3.66 | | < 4.50 | | |



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

Haematology

ArcoFemi Healthcare Ltd Below 40 Female

CBC WITH ESR

EDTA Blood

| | | | | | |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------|-----------------------------------------------|--|
| Haemoglobin | L 10.7 | g/dL | 12.5 - 16.0 | SLS Method | |
| Hematocrit/PCV | 37.3 | % | 37.0 - 47.0 | H.focusing Method | |
| RBC COUNT | 5.15 | mill/Cmm | 4.20 - 5.40 | H.focusing impedance | |
| MCV | L 72.4 | fl | 83.0 - 101.0 | Calculated | |
| MCH | L 20.8 | pg | 27.0 - 31.0 | Calculated | |
| MCHC | L 28.7 | g/dL | 32.0 - 36.0 | Calculated | |
| RDW-CV | H 18.8 | % | 11.5 - 14.0 | Calculated | |
| Platelet count | 230000 | /cumm | 150000 - 410000 | H.focusing impedance | |
| Mean Platelet Volume(MPV)* | 10.2 | fl | 8 - 12 | Calculated | |
| Total Leucocyte Count (TLC) | 7280.00 | /cumm | 4000.00 - 10500.00 | Flow Cytometry | |
| Differential Leucocyte Count | | | | Flowcytometry/Microscopic | |
| Neutrophils | 70 | % | 40.0 - 70.0 | | |
| Lymphocytes | 24 | % | 22 - 45 | | |
| Eosinophils | 02 | % | 1.0 - 4.0 | | |
| Monocytes | 04 | % | 1.0 - 6.0 | | |
| Basophils | 00 | % | 0.0 - 1.0 | | |
| Immature Granulocytes | 00 | % | 0 - 2 | | |
| Absolute Leucocyte Count | | | | | |
| Absolute Neutrophil Count* | 5096 | /cumm | 1800 - 7700 | | |
| Absolute Lymphocyte count* | 1747.2 | /cumm | 1000 - 4800 | | |
| Absolute Eosinophil Count (AEC) | 145.6 | /cumm | 0.0 - 450.0 | | |
| Absolute Monocyte Count* | 291.2 | /cumm | 0 - 800 | | |
| Peripheral Smear Study | RBCs shows Anisocytosis(+),Microcytosis(+),Hypochromia(+),Erythrocytosis(+). Platelets are adequate in number.Malarial Parasites are not seen. No Premature cells are seen. | | | | |
| Erythrocyte Sedimentation Rate (ESR) | H 25 | mm/hr | 0 - 12 | Photometric capillary stopped flow kinetic | |

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



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Immuno-Haematology

ArcoFemi Healthcare Ltd Below 40 Female

BLOOD GROUPING

EDTA Blood

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

End Of Report

Dr. Jitendra Narendrabhai Nayak

Reg.No:G-14786

Consultant Pathologist