

- **Name:** Mrs. Sumathi B
 - **Patient ID:** 0100062370
 - **Age/Sex:** 66 years / Female
 - **Blood Group:** O Positive
 - **Date of Report:** 23/04/2024
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Blood Report:

1. Complete Hemogram:

- **Hemoglobin:** 13.5 g/dL (*Normal Range: Female: 11-15 g/dL*)
- **Total WBC Count:** 10200 cells/cu.mm (*Normal Range: 4000 - 11000 cells/cu.mm*)
- **Neutrophils:** 67% (*Normal Range: 45 - 70 %*)
- **Lymphocytes:** 24% (*Normal Range: 20 - 45 %*)
- **Monocytes:** 7% (*Normal Range: 1 - 10 %*)
- **Eosinophils:** 2% (*Normal Range: 01 - 06 %*)
- **Basophils:** 0.00% (*Normal Range: 00 - 01 %*)
- **RBC Count:** 4.6 Million/cu.mm (*Normal Range: Female: 4.2 - 5.6 Million/cu.mm*)
- **Platelet Count:** 3.4 Lakh/cu.mm (*Normal Range: 1.5 - 4.5 Lakh/cu.mm*)
- **PCV:** 40% (*Normal Range: Female: 34 - 46 %*)
- **MCV:** 87 fl (*Normal Range: 75 - 95 fl*)
- **MCH:** 30 pg (*Normal Range: 26 - 32 pg*)
- **MCHC:** 34 g/dL (*Normal Range: 31 - 36 g/dL*)
- **ESR:** 18 mm (*Normal Range: up to 10 mm after 1 hour*)
- **Absolute Eosinophil Count:** 204 cells/cu.mm (*Normal Range: 40 - 400 cells/cu.mm*)

2. Blood Sugar:

- **Fasting Blood Sugar:** 231 mg/dL (*Normal Range: 70 – 100 mg/dL*)
- **Postprandial Blood Sugar:** 298 mg/dL (*Normal Range: < 140 mg/dL*)

3. Renal Function Test:

- **Urea:** 19 mg/dL (*Normal Range: 15 - 40 mg/dL*)
- **Creatinine:** 0.88 mg/dL (*Normal Range: Female: 0.6-1.1 mg/dL*)

4. Lipid Profile:

- **Total Cholesterol:** 191 mg/dL (*Desirable: < 200 mg/dL*)
- **HDL Cholesterol:** 46 mg/dL (*Normal Range: Low: < 40 mg/dL, High: > 60 mg/dL*)
- **LDL Cholesterol:** 110 mg/dL (*Normal Range: < 100 mg/dL*)
- **Triglycerides:** 176 mg/dL (*Normal Range: < 150 mg/dL*)
- **Total Cholesterol/HDL Ratio:** 4.1

5. Liver Function Test:

- **Total Bilirubin:** 0.87 mg/dL (*Normal Range: 0.2-1.2 mg/dL*)
- **Direct Bilirubin:** 0.36 mg/dL (*Normal Range: 0.1-0.4 mg/dL*)
- **Indirect Bilirubin:** 0.51 mg/dL (*Normal Range: 0 - 0.90 mg/dL*)
- **AST (SGOT):** 14 U/L (*Normal Range: 13-40 U/L*)
- **ALT (SGPT):** 16 U/L (*Normal Range: 10-45 U/L*)
- **Alkaline Phosphatase:** 120 U/L (*Normal Range: 38-126 U/L*)

6. Thyroid Profile:

- **Free T3:** 3.39 pmol/L (*Normal Range: 3.1-6.8 pmol/L*)
- **Free T4:** 14.13 pmol/L (*Normal Range: 12-22 pmol/L*)
- **TSH:** 2.20 µIU/ml (*Normal Range: 0.27-5 µIU/ml*)

Consultants:

- **Pathologist:** Dr. Sarangan
- **Biochemist:** Dr. S. Sivapriya
- **Radiologist:** Dr. C. Sharmi M.B.B.S M.D