

Medical Lab - Synthetic Blood Report

| | | | |
|--------------|------------|---------------|-------------|
| Report ID: | BR100451 | Patient Name: | Priya Joshi |
| Sex: | F | Age: | 48 |
| Report Date: | 2025-03-29 | Physician: | Dr. S. Rao |

| Test | Result | Reference Range |
|---------------------------|--------|-----------------|
| Hemoglobin (g/dL) | 19.3 | 12.0 - 16.0 |
| RBC (10^6/ μ L) | 5.19 | 3.5 - 5.5 |
| WBC (10^3/ μ L) | 9 | 4.5 - 11.0 |
| Platelets (10^3/ μ L) | 208 | 150 - 400 |
| Hematocrit (%) | 39.87 | 36 - 46 |
| MCV (fL) | 79.08 | 80 - 100 |
| MCH (pg) | 27.21 | 27 - 32 |
| MCHC (g/dL) | 33.23 | 32 - 36 |
| Neutrophils (%) | 62.24 | 40 - 70 |
| Lymphocytes (%) | 31.11 | 20 - 40 |
| Fasting Glucose (mg/dL) | 80.22 | 70 - 99 |
| Urea (mg/dL) | 4.94 | 7 - 20 |
| Creatinine (mg/dL) | 1.02 | 0.59 - 1.04 |
| Sodium (mmol/L) | 135.13 | 135 - 145 |
| Potassium (mmol/L) | 4.24 | 3.5 - 5.1 |
| ALT (U/L) | 45.69 | 7 - 56 |
| AST (U/L) | 10.23 | 10 - 40 |

Note: This is a synthetic dataset generated for research/educational use. Reference ranges are typical clinical ranges and may vary by laboratory.