

# Medical Lab - Synthetic Blood Report

|              |            |               |                 |
|--------------|------------|---------------|-----------------|
| Report ID:   | BR100849   | Patient Name: | Rohit Chaudhary |
| Sex:         | F          | Age:          | 69              |
| Report Date: | 2025-04-15 | Physician:    | Dr. S. Rao      |

| Test                      | Result | Reference Range |
|---------------------------|--------|-----------------|
| Hemoglobin (g/dL)         | 15.94  | 12.0 - 16.0     |
| RBC (10^6/ $\mu$ L)       | 3.32   | 3.5 - 5.5       |
| WBC (10^3/ $\mu$ L)       | 9      | 4.5 - 11.0      |
| Platelets (10^3/ $\mu$ L) | 397    | 150 - 400       |
| Hematocrit (%)            | 36.37  | 36 - 46         |
| MCV (fL)                  | 83.86  | 80 - 100        |
| MCH (pg)                  | 37.93  | 27 - 32         |
| MCHC (g/dL)               | 34.61  | 32 - 36         |
| Neutrophils (%)           | 52.37  | 40 - 70         |
| Lymphocytes (%)           | 21.26  | 20 - 40         |
| Fasting Glucose (mg/dL)   | 94.63  | 70 - 99         |
| Urea (mg/dL)              | 12.6   | 7 - 20          |
| Creatinine (mg/dL)        | 0.97   | 0.59 - 1.04     |
| Sodium (mmol/L)           | 138.21 | 135 - 145       |
| Potassium (mmol/L)        | 4.31   | 3.5 - 5.1       |
| ALT (U/L)                 | 47.99  | 7 - 56          |
| AST (U/L)                 | 8.52   | 10 - 40         |

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