

Medical Lab - Synthetic Blood Report

| | | | |
|--------------|------------|---------------|------------|
| Report ID: | BR100649 | Patient Name: | Kavya Bose |
| Sex: | M | Age: | 37 |
| Report Date: | 2025-05-08 | Physician: | Dr. S. Rao |

| Test | Result | Reference Range |
|---------------------------|--------|-----------------|
| Hemoglobin (g/dL) | 10.22 | 13.5 - 17.5 |
| RBC (10^6/ μ L) | 4.38 | 4.3 - 5.9 |
| WBC (10^3/ μ L) | 5 | 4.5 - 11.0 |
| Platelets (10^3/ μ L) | 273 | 150 - 400 |
| Hematocrit (%) | 41.16 | 41 - 53 |
| MCV (fL) | 97.67 | 80 - 100 |
| MCH (pg) | 27.85 | 27 - 32 |
| MCHC (g/dL) | 34.89 | 32 - 36 |
| Neutrophils (%) | 55.09 | 40 - 70 |
| Lymphocytes (%) | 23.63 | 20 - 40 |
| Fasting Glucose (mg/dL) | 80.78 | 70 - 99 |
| Urea (mg/dL) | 10.33 | 7 - 20 |
| Creatinine (mg/dL) | 0.91 | 0.74 - 1.35 |
| Sodium (mmol/L) | 139.98 | 135 - 145 |
| Potassium (mmol/L) | 5.8 | 3.5 - 5.1 |
| ALT (U/L) | 13.82 | 7 - 56 |
| AST (U/L) | 34.42 | 10 - 40 |

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