

# Medical Lab - Synthetic Blood Report

Report ID:	BR100568	Patient Name:	Anita Malhotra
Sex:	M	Age:	81
Report Date:	2025-05-20	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.89	13.5 - 17.5
RBC (10^6/µL)	5.72	4.3 - 5.9
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	164	150 - 400
Hematocrit (%)	45.14	41 - 53
MCV (fL)	95.79	80 - 100
MCH (pg)	28.5	27 - 32
MCHC (g/dL)	35.77	32 - 36
Neutrophils (%)	62.56	40 - 70
Lymphocytes (%)	26.19	20 - 40
Fasting Glucose (mg/dL)	80.47	70 - 99
Urea (mg/dL)	16.99	7 - 20
Creatinine (mg/dL)	0.52	0.74 - 1.35
Sodium (mmol/L)	142.02	135 - 145
Potassium (mmol/L)	5.36	3.5 - 5.1
ALT (U/L)	34.7	7 - 56
AST (U/L)	8.5	10 - 40

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