

# Medical Lab - Synthetic Blood Report

Report ID:	BR100014	Patient Name:	Anita Khan
Sex:	M	Age:	60
Report Date:	2025-04-14	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	22.26	13.5 - 17.5
RBC (10^6/µL)	4.49	4.3 - 5.9
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	479	150 - 400
Hematocrit (%)	46.93	41 - 53
MCV (fL)	95.0	80 - 100
MCH (pg)	27.74	27 - 32
MCHC (g/dL)	32.93	32 - 36
Neutrophils (%)	83.8	40 - 70
Lymphocytes (%)	28.94	20 - 40
Fasting Glucose (mg/dL)	86.34	70 - 99
Urea (mg/dL)	18.96	7 - 20
Creatinine (mg/dL)	1.64	0.74 - 1.35
Sodium (mmol/L)	135.97	135 - 145
Potassium (mmol/L)	3.99	3.5 - 5.1
ALT (U/L)	69.75	7 - 56
AST (U/L)	45.37	10 - 40

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