

# Medical Lab - Synthetic Blood Report

Report ID:	BR100175	Patient Name:	Amit Khan
Sex:	M	Age:	83
Report Date:	2025-04-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.58	13.5 - 17.5
RBC (10^6/μL)	5.74	4.3 - 5.9
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	353	150 - 400
Hematocrit (%)	45.31	41 - 53
MCV (fL)	83.94	80 - 100
MCH (pg)	28.1	27 - 32
MCHC (g/dL)	35.78	32 - 36
Neutrophils (%)	44.37	40 - 70
Lymphocytes (%)	22.59	20 - 40
Fasting Glucose (mg/dL)	74.41	70 - 99
Urea (mg/dL)	16.15	7 - 20
Creatinine (mg/dL)	0.97	0.74 - 1.35
Sodium (mmol/L)	136.99	135 - 145
Potassium (mmol/L)	4.93	3.5 - 5.1
ALT (U/L)	14.54	7 - 56
AST (U/L)	27.15	10 - 40

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