

# Medical Lab - Synthetic Blood Report

Report ID:	BR100885	Patient Name:	Pooja Malhotra
Sex:	M	Age:	68
Report Date:	2025-01-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	22.73	13.5 - 17.5
RBC (10^6/ $\mu$ L)	4.33	4.3 - 5.9
WBC (10^3/ $\mu$ L)	4	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	171	150 - 400
Hematocrit (%)	41.14	41 - 53
MCV (fL)	92.22	80 - 100
MCH (pg)	30.43	27 - 32
MCHC (g/dL)	33.45	32 - 36
Neutrophils (%)	40.05	40 - 70
Lymphocytes (%)	25.98	20 - 40
Fasting Glucose (mg/dL)	86.49	70 - 99
Urea (mg/dL)	7.03	7 - 20
Creatinine (mg/dL)	1.7	0.74 - 1.35
Sodium (mmol/L)	139.81	135 - 145
Potassium (mmol/L)	3.9	3.5 - 5.1
ALT (U/L)	9.48	7 - 56
AST (U/L)	12.0	10 - 40

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