

# Medical Lab - Synthetic Blood Report

Report ID:	BR100108	Patient Name:	Pooja Joshi
Sex:	M	Age:	79
Report Date:	2025-07-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	10.59	13.5 - 17.5
RBC (10^6/ $\mu$ L)	5.83	4.3 - 5.9
WBC (10^3/ $\mu$ L)	5	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	273	150 - 400
Hematocrit (%)	51.83	41 - 53
MCV (fL)	84.18	80 - 100
MCH (pg)	22.86	27 - 32
MCHC (g/dL)	35.9	32 - 36
Neutrophils (%)	46.6	40 - 70
Lymphocytes (%)	26.85	20 - 40
Fasting Glucose (mg/dL)	124.25	70 - 99
Urea (mg/dL)	14.14	7 - 20
Creatinine (mg/dL)	1.26	0.74 - 1.35
Sodium (mmol/L)	144.23	135 - 145
Potassium (mmol/L)	3.9	3.5 - 5.1
ALT (U/L)	16.5	7 - 56
AST (U/L)	30.43	10 - 40

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