

# Medical Lab - Synthetic Blood Report

Report ID:	BR100249	Patient Name:	Sneha Malhotra
Sex:	M	Age:	85
Report Date:	2025-03-18	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.96	13.5 - 17.5
RBC (10^6/ $\mu$ L)	4.9	4.3 - 5.9
WBC (10^3/ $\mu$ L)	9	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	195	150 - 400
Hematocrit (%)	44.4	41 - 53
MCV (fL)	94.45	80 - 100
MCH (pg)	20.4	27 - 32
MCHC (g/dL)	25.37	32 - 36
Neutrophils (%)	74.62	40 - 70
Lymphocytes (%)	51.58	20 - 40
Fasting Glucose (mg/dL)	82.21	70 - 99
Urea (mg/dL)	22.86	7 - 20
Creatinine (mg/dL)	0.67	0.74 - 1.35
Sodium (mmol/L)	141.7	135 - 145
Potassium (mmol/L)	5.0	3.5 - 5.1
ALT (U/L)	24.78	7 - 56
AST (U/L)	16.49	10 - 40

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