

# Medical Lab - Synthetic Blood Report

Report ID:	BR100342	Patient Name:	Nikhil Malhotra
Sex:	M	Age:	70
Report Date:	2025-03-05	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.32	13.5 - 17.5
RBC (10^6/μL)	5.06	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	148	150 - 400
Hematocrit (%)	45.3	41 - 53
MCV (fL)	83.12	80 - 100
MCH (pg)	29.32	27 - 32
MCHC (g/dL)	30.65	32 - 36
Neutrophils (%)	62.13	40 - 70
Lymphocytes (%)	28.5	20 - 40
Fasting Glucose (mg/dL)	93.68	70 - 99
Urea (mg/dL)	22.22	7 - 20
Creatinine (mg/dL)	1.31	0.74 - 1.35
Sodium (mmol/L)	139.38	135 - 145
Potassium (mmol/L)	4.23	3.5 - 5.1
ALT (U/L)	15.88	7 - 56
AST (U/L)	25.3	10 - 40

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