

Medical Lab - Synthetic Blood Report

Report ID:	BR100112	Patient Name:	Nikhil Malhotra
Sex:	M	Age:	53
Report Date:	2025-01-17	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	20.86	13.5 - 17.5
RBC (10^6/μL)	5.37	4.3 - 5.9
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	253	150 - 400
Hematocrit (%)	49.1	41 - 53
MCV (fL)	92.57	80 - 100
MCH (pg)	31.03	27 - 32
MCHC (g/dL)	34.01	32 - 36
Neutrophils (%)	57.34	40 - 70
Lymphocytes (%)	32.75	20 - 40
Fasting Glucose (mg/dL)	80.78	70 - 99
Urea (mg/dL)	8.51	7 - 20
Creatinine (mg/dL)	1.24	0.74 - 1.35
Sodium (mmol/L)	139.0	135 - 145
Potassium (mmol/L)	3.73	3.5 - 5.1
ALT (U/L)	32.67	7 - 56
AST (U/L)	22.35	10 - 40

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