

# Medical Lab - Synthetic Blood Report

Report ID:	BR100802	Patient Name:	Rahul Malhotra
Sex:	M	Age:	63
Report Date:	2025-05-12	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.38	13.5 - 17.5
RBC (10^6/μL)	6.28	4.3 - 5.9
WBC (10^3/μL)	10	4.5 - 11.0
Platelets (10^3/μL)	195	150 - 400
Hematocrit (%)	52.87	41 - 53
MCV (fL)	91.53	80 - 100
MCH (pg)	31.99	27 - 32
MCHC (g/dL)	40.65	32 - 36
Neutrophils (%)	60.78	40 - 70
Lymphocytes (%)	23.82	20 - 40
Fasting Glucose (mg/dL)	63.47	70 - 99
Urea (mg/dL)	18.95	7 - 20
Creatinine (mg/dL)	0.75	0.74 - 1.35
Sodium (mmol/L)	141.64	135 - 145
Potassium (mmol/L)	3.55	3.5 - 5.1
ALT (U/L)	33.46	7 - 56
AST (U/L)	22.04	10 - 40

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