

# Medical Lab - Synthetic Blood Report

Report ID:	BR100734	Patient Name:	Rohit Malhotra
Sex:	M	Age:	31
Report Date:	2025-09-25	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.05	13.5 - 17.5
RBC (10^6/μL)	4.64	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	197	150 - 400
Hematocrit (%)	47.74	41 - 53
MCV (fL)	80.01	80 - 100
MCH (pg)	27.44	27 - 32
MCHC (g/dL)	35.64	32 - 36
Neutrophils (%)	81.26	40 - 70
Lymphocytes (%)	51.43	20 - 40
Fasting Glucose (mg/dL)	82.45	70 - 99
Urea (mg/dL)	19.17	7 - 20
Creatinine (mg/dL)	0.83	0.74 - 1.35
Sodium (mmol/L)	144.01	135 - 145
Potassium (mmol/L)	3.74	3.5 - 5.1
ALT (U/L)	42.12	7 - 56
AST (U/L)	35.46	10 - 40

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