

# Medical Lab - Synthetic Blood Report

Report ID:	BR100081	Patient Name:	Rohit Reddy
Sex:	M	Age:	40
Report Date:	2025-04-25	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.67	13.5 - 17.5
RBC (10^6/μL)	5.78	4.3 - 5.9
WBC (10^3/μL)	13	4.5 - 11.0
Platelets (10^3/μL)	277	150 - 400
Hematocrit (%)	51.12	41 - 53
MCV (fL)	89.85	80 - 100
MCH (pg)	27.46	27 - 32
MCHC (g/dL)	37.14	32 - 36
Neutrophils (%)	55.94	40 - 70
Lymphocytes (%)	28.4	20 - 40
Fasting Glucose (mg/dL)	81.34	70 - 99
Urea (mg/dL)	13.69	7 - 20
Creatinine (mg/dL)	0.91	0.74 - 1.35
Sodium (mmol/L)	135.17	135 - 145
Potassium (mmol/L)	4.82	3.5 - 5.1
ALT (U/L)	7.71	7 - 56
AST (U/L)	19.79	10 - 40

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