

# Medical Lab - Synthetic Blood Report

Report ID:	BR100356	Patient Name:	Rohit Iyer
Sex:	M	Age:	28
Report Date:	2025-09-12	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.25	13.5 - 17.5
RBC (10^6/μL)	5.57	4.3 - 5.9
WBC (10^3/μL)	4	4.5 - 11.0
Platelets (10^3/μL)	305	150 - 400
Hematocrit (%)	45.3	41 - 53
MCV (fL)	88.04	80 - 100
MCH (pg)	27.58	27 - 32
MCHC (g/dL)	35.77	32 - 36
Neutrophils (%)	61.05	40 - 70
Lymphocytes (%)	31.19	20 - 40
Fasting Glucose (mg/dL)	72.89	70 - 99
Urea (mg/dL)	18.24	7 - 20
Creatinine (mg/dL)	0.82	0.74 - 1.35
Sodium (mmol/L)	142.24	135 - 145
Potassium (mmol/L)	3.91	3.5 - 5.1
ALT (U/L)	37.85	7 - 56
AST (U/L)	21.38	10 - 40

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