

Medical Lab - Synthetic Blood Report

Report ID:	BR100271	Patient Name:	Rohit Iyer
Sex:	M	Age:	44
Report Date:	2025-05-25	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.76	13.5 - 17.5
RBC (10^6/μL)	5.34	4.3 - 5.9
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	468	150 - 400
Hematocrit (%)	46.2	41 - 53
MCV (fL)	66.89	80 - 100
MCH (pg)	20.48	27 - 32
MCHC (g/dL)	34.42	32 - 36
Neutrophils (%)	29.63	40 - 70
Lymphocytes (%)	33.26	20 - 40
Fasting Glucose (mg/dL)	85.75	70 - 99
Urea (mg/dL)	19.1	7 - 20
Creatinine (mg/dL)	0.76	0.74 - 1.35
Sodium (mmol/L)	136.79	135 - 145
Potassium (mmol/L)	2.56	3.5 - 5.1
ALT (U/L)	44.46	7 - 56
AST (U/L)	21.06	10 - 40

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