

# Medical Lab - Synthetic Blood Report

Report ID:	BR100138	Patient Name:	Rohit Iyer
Sex:	F	Age:	17
Report Date:	2025-03-10	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.98	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	3.8	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	6	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	342	150 - 400
Hematocrit (%)	37.11	36 - 46
MCV (fL)	88.85	80 - 100
MCH (pg)	29.35	27 - 32
MCHC (g/dL)	34.23	32 - 36
Neutrophils (%)	46.15	40 - 70
Lymphocytes (%)	50.65	20 - 40
Fasting Glucose (mg/dL)	95.87	70 - 99
Urea (mg/dL)	13.44	7 - 20
Creatinine (mg/dL)	0.86	0.59 - 1.04
Sodium (mmol/L)	136.97	135 - 145
Potassium (mmol/L)	4.65	3.5 - 5.1
ALT (U/L)	5.21	7 - 56
AST (U/L)	18.98	10 - 40

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