

# Medical Lab - Synthetic Blood Report

Report ID:	BR100442	Patient Name:	Rahul Reddy
Sex:	F	Age:	17
Report Date:	2025-08-16	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.57	12.0 - 16.0
RBC (10^6/μL)	5.11	3.5 - 5.5
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	326	150 - 400
Hematocrit (%)	33.66	36 - 46
MCV (fL)	89.76	80 - 100
MCH (pg)	27.1	27 - 32
MCHC (g/dL)	32.73	32 - 36
Neutrophils (%)	52.29	40 - 70
Lymphocytes (%)	50.47	20 - 40
Fasting Glucose (mg/dL)	77.66	70 - 99
Urea (mg/dL)	12.69	7 - 20
Creatinine (mg/dL)	0.71	0.59 - 1.04
Sodium (mmol/L)	139.62	135 - 145
Potassium (mmol/L)	4.56	3.5 - 5.1
ALT (U/L)	24.23	7 - 56
AST (U/L)	24.9	10 - 40

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