

# Medical Lab - Synthetic Blood Report

Report ID:	BR100514	Patient Name:	Rohit Reddy
Sex:	F	Age:	15
Report Date:	2025-05-21	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.49	12.0 - 16.0
RBC (10^6/μL)	4.88	3.5 - 5.5
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	390	150 - 400
Hematocrit (%)	39.56	36 - 46
MCV (fL)	86.43	80 - 100
MCH (pg)	29.67	27 - 32
MCHC (g/dL)	35.43	32 - 36
Neutrophils (%)	53.93	40 - 70
Lymphocytes (%)	43.4	20 - 40
Fasting Glucose (mg/dL)	84.82	70 - 99
Urea (mg/dL)	12.23	7 - 20
Creatinine (mg/dL)	0.94	0.59 - 1.04
Sodium (mmol/L)	135.89	135 - 145
Potassium (mmol/L)	3.66	3.5 - 5.1
ALT (U/L)	22.84	7 - 56
AST (U/L)	9.95	10 - 40

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