

Medical Lab - Synthetic Blood Report

Report ID:	BR100901	Patient Name:	Amit Reddy
Sex:	M	Age:	12
Report Date:	2025-07-19	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.32	13.5 - 17.5
RBC (10^6/μL)	5.21	4.3 - 5.9
WBC (10^3/μL)	3	4.5 - 11.0
Platelets (10^3/μL)	236	150 - 400
Hematocrit (%)	51.28	41 - 53
MCV (fL)	96.57	80 - 100
MCH (pg)	31.98	27 - 32
MCHC (g/dL)	33.91	32 - 36
Neutrophils (%)	48.65	40 - 70
Lymphocytes (%)	24.69	20 - 40
Fasting Glucose (mg/dL)	60.84	70 - 99
Urea (mg/dL)	14.79	7 - 20
Creatinine (mg/dL)	0.89	0.74 - 1.35
Sodium (mmol/L)	144.02	135 - 145
Potassium (mmol/L)	4.99	3.5 - 5.1
ALT (U/L)	39.41	7 - 56
AST (U/L)	32.86	10 - 40

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