

Medical Lab - Synthetic Blood Report

Report ID:	BR100426	Patient Name:	Isha Reddy
Sex:	M	Age:	13
Report Date:	2025-09-22	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.05	13.5 - 17.5
RBC (10^6/μL)	5.76	4.3 - 5.9
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	115	150 - 400
Hematocrit (%)	50.52	41 - 53
MCV (fL)	86.88	80 - 100
MCH (pg)	29.73	27 - 32
MCHC (g/dL)	29.05	32 - 36
Neutrophils (%)	39.91	40 - 70
Lymphocytes (%)	14.04	20 - 40
Fasting Glucose (mg/dL)	89.43	70 - 99
Urea (mg/dL)	13.8	7 - 20
Creatinine (mg/dL)	0.98	0.74 - 1.35
Sodium (mmol/L)	142.06	135 - 145
Potassium (mmol/L)	6.14	3.5 - 5.1
ALT (U/L)	6.55	7 - 56
AST (U/L)	28.44	10 - 40

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