

Medical Lab - Synthetic Blood Report

Report ID:	BR100033	Patient Name:	Anita Jain
Sex:	F	Age:	10
Report Date:	2025-01-17	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.3	12.0 - 16.0
RBC (10^6/μL)	3.75	3.5 - 5.5
WBC (10^3/μL)	5	4.5 - 11.0
Platelets (10^3/μL)	481	150 - 400
Hematocrit (%)	45.09	36 - 46
MCV (fL)	96.57	80 - 100
MCH (pg)	29.29	27 - 32
MCHC (g/dL)	33.59	32 - 36
Neutrophils (%)	54.45	40 - 70
Lymphocytes (%)	20.77	20 - 40
Fasting Glucose (mg/dL)	124.7	70 - 99
Urea (mg/dL)	8.46	7 - 20
Creatinine (mg/dL)	0.99	0.59 - 1.04
Sodium (mmol/L)	144.79	135 - 145
Potassium (mmol/L)	3.69	3.5 - 5.1
ALT (U/L)	12.87	7 - 56
AST (U/L)	39.89	10 - 40

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