

# Medical Lab - Synthetic Blood Report

Report ID:	BR100441	Patient Name:	Anita Iyer
Sex:	M	Age:	11
Report Date:	2025-02-14	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.7	13.5 - 17.5
RBC (10^6/μL)	5.79	4.3 - 5.9
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	349	150 - 400
Hematocrit (%)	50.26	41 - 53
MCV (fL)	83.94	80 - 100
MCH (pg)	38.02	27 - 32
MCHC (g/dL)	28.62	32 - 36
Neutrophils (%)	53.02	40 - 70
Lymphocytes (%)	25.96	20 - 40
Fasting Glucose (mg/dL)	94.31	70 - 99
Urea (mg/dL)	21.22	7 - 20
Creatinine (mg/dL)	0.73	0.74 - 1.35
Sodium (mmol/L)	142.91	135 - 145
Potassium (mmol/L)	4.27	3.5 - 5.1
ALT (U/L)	30.52	7 - 56
AST (U/L)	28.54	10 - 40

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