

# Medical Lab - Synthetic Blood Report

Report ID:	BR100794	Patient Name:	Anita Gupta
Sex:	M	Age:	11
Report Date:	2025-01-22	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.86	13.5 - 17.5
RBC (10^6/µL)	3.95	4.3 - 5.9
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	280	150 - 400
Hematocrit (%)	45.2	41 - 53
MCV (fL)	91.24	80 - 100
MCH (pg)	30.59	27 - 32
MCHC (g/dL)	32.02	32 - 36
Neutrophils (%)	33.2	40 - 70
Lymphocytes (%)	48.61	20 - 40
Fasting Glucose (mg/dL)	58.37	70 - 99
Urea (mg/dL)	23.55	7 - 20
Creatinine (mg/dL)	0.8	0.74 - 1.35
Sodium (mmol/L)	138.7	135 - 145
Potassium (mmol/L)	4.61	3.5 - 5.1
ALT (U/L)	39.58	7 - 56
AST (U/L)	38.05	10 - 40

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