

Medical Lab - Synthetic Blood Report

Report ID:	BR100375	Patient Name:	Anita Khan
Sex:	F	Age:	14
Report Date:	2025-05-15	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.58	12.0 - 16.0
RBC (10^6/μL)	4.66	3.5 - 5.5
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	358	150 - 400
Hematocrit (%)	45.81	36 - 46
MCV (fL)	81.07	80 - 100
MCH (pg)	28.93	27 - 32
MCHC (g/dL)	33.26	32 - 36
Neutrophils (%)	50.92	40 - 70
Lymphocytes (%)	27.06	20 - 40
Fasting Glucose (mg/dL)	126.81	70 - 99
Urea (mg/dL)	10.77	7 - 20
Creatinine (mg/dL)	0.87	0.59 - 1.04
Sodium (mmol/L)	143.29	135 - 145
Potassium (mmol/L)	3.11	3.5 - 5.1
ALT (U/L)	24.74	7 - 56
AST (U/L)	38.19	10 - 40

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