

Medical Lab - Synthetic Blood Report

Report ID:	BR100602	Patient Name:	Amit Saxena
Sex:	F	Age:	18
Report Date:	2025-03-02	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.95	12.0 - 16.0
RBC (10^6/μL)	2.52	3.5 - 5.5
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	210	150 - 400
Hematocrit (%)	43.2	36 - 46
MCV (fL)	89.21	80 - 100
MCH (pg)	29.32	27 - 32
MCHC (g/dL)	35.28	32 - 36
Neutrophils (%)	65.67	40 - 70
Lymphocytes (%)	21.25	20 - 40
Fasting Glucose (mg/dL)	109.46	70 - 99
Urea (mg/dL)	9.53	7 - 20
Creatinine (mg/dL)	0.73	0.59 - 1.04
Sodium (mmol/L)	138.65	135 - 145
Potassium (mmol/L)	4.57	3.5 - 5.1
ALT (U/L)	40.54	7 - 56
AST (U/L)	19.14	10 - 40

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