

Medical Lab - Synthetic Blood Report

Report ID:	BR100548	Patient Name:	Amit Malhotra
Sex:	F	Age:	18
Report Date:	2025-07-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.68	12.0 - 16.0
RBC (10^6/μL)	3.5	3.5 - 5.5
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	288	150 - 400
Hematocrit (%)	39.44	36 - 46
MCV (fL)	89.9	80 - 100
MCH (pg)	31.77	27 - 32
MCHC (g/dL)	32.17	32 - 36
Neutrophils (%)	71.26	40 - 70
Lymphocytes (%)	38.46	20 - 40
Fasting Glucose (mg/dL)	77.61	70 - 99
Urea (mg/dL)	13.31	7 - 20
Creatinine (mg/dL)	0.94	0.59 - 1.04
Sodium (mmol/L)	144.94	135 - 145
Potassium (mmol/L)	3.28	3.5 - 5.1
ALT (U/L)	17.05	7 - 56
AST (U/L)	18.39	10 - 40

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