

Medical Lab - Synthetic Blood Report

Report ID:	BR100465	Patient Name:	Anita Gupta
Sex:	M	Age:	22
Report Date:	2025-08-10	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.33	13.5 - 17.5
RBC (10^6/µL)	4.45	4.3 - 5.9
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	238	150 - 400
Hematocrit (%)	49.22	41 - 53
MCV (fL)	91.87	80 - 100
MCH (pg)	23.8	27 - 32
MCHC (g/dL)	32.66	32 - 36
Neutrophils (%)	41.09	40 - 70
Lymphocytes (%)	37.88	20 - 40
Fasting Glucose (mg/dL)	98.18	70 - 99
Urea (mg/dL)	5.68	7 - 20
Creatinine (mg/dL)	0.95	0.74 - 1.35
Sodium (mmol/L)	142.77	135 - 145
Potassium (mmol/L)	4.22	3.5 - 5.1
ALT (U/L)	20.04	7 - 56
AST (U/L)	36.9	10 - 40

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