

Medical Lab - Synthetic Blood Report

Report ID:	BR100400	Patient Name:	Rahul Verma
Sex:	F	Age:	16
Report Date:	2025-07-21	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	20.8	12.0 - 16.0
RBC (10^6/μL)	4.69	3.5 - 5.5
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	345	150 - 400
Hematocrit (%)	42.14	36 - 46
MCV (fL)	85.55	80 - 100
MCH (pg)	31.66	27 - 32
MCHC (g/dL)	33.62	32 - 36
Neutrophils (%)	62.43	40 - 70
Lymphocytes (%)	33.95	20 - 40
Fasting Glucose (mg/dL)	75.82	70 - 99
Urea (mg/dL)	9.69	7 - 20
Creatinine (mg/dL)	0.97	0.59 - 1.04
Sodium (mmol/L)	144.99	135 - 145
Potassium (mmol/L)	3.85	3.5 - 5.1
ALT (U/L)	29.6	7 - 56
AST (U/L)	33.92	10 - 40

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