

# Medical Lab - Synthetic Blood Report

Report ID:	BR100220	Patient Name:	Sameer Sharma
Sex:	M	Age:	16
Report Date:	2025-10-03	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.88	13.5 - 17.5
RBC (10^6/μL)	4.93	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	290	150 - 400
Hematocrit (%)	45.94	41 - 53
MCV (fL)	95.75	80 - 100
MCH (pg)	37.35	27 - 32
MCHC (g/dL)	34.53	32 - 36
Neutrophils (%)	64.48	40 - 70
Lymphocytes (%)	38.43	20 - 40
Fasting Glucose (mg/dL)	84.46	70 - 99
Urea (mg/dL)	18.93	7 - 20
Creatinine (mg/dL)	0.93	0.74 - 1.35
Sodium (mmol/L)	135.21	135 - 145
Potassium (mmol/L)	3.98	3.5 - 5.1
ALT (U/L)	21.93	7 - 56
AST (U/L)	13.8	10 - 40

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