

Medical Lab - Synthetic Blood Report

Report ID:	BR100470	Patient Name:	Sameer Gupta
Sex:	M	Age:	16
Report Date:	2025-07-20	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.81	13.5 - 17.5
RBC (10^6/μL)	5.11	4.3 - 5.9
WBC (10^3/μL)	5	4.5 - 11.0
Platelets (10^3/μL)	148	150 - 400
Hematocrit (%)	50.29	41 - 53
MCV (fL)	82.19	80 - 100
MCH (pg)	30.18	27 - 32
MCHC (g/dL)	32.03	32 - 36
Neutrophils (%)	62.44	40 - 70
Lymphocytes (%)	32.02	20 - 40
Fasting Glucose (mg/dL)	93.83	70 - 99
Urea (mg/dL)	24.01	7 - 20
Creatinine (mg/dL)	0.88	0.74 - 1.35
Sodium (mmol/L)	141.43	135 - 145
Potassium (mmol/L)	4.51	3.5 - 5.1
ALT (U/L)	6.1	7 - 56
AST (U/L)	42.82	10 - 40

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