

Medical Lab - Synthetic Blood Report

Report ID:	BR100585	Patient Name:	Isha Gupta
Sex:	M	Age:	17
Report Date:	2025-07-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.39	13.5 - 17.5
RBC (10^6/µL)	4.34	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	498	150 - 400
Hematocrit (%)	41.1	41 - 53
MCV (fL)	90.69	80 - 100
MCH (pg)	27.54	27 - 32
MCHC (g/dL)	33.25	32 - 36
Neutrophils (%)	50.0	40 - 70
Lymphocytes (%)	26.97	20 - 40
Fasting Glucose (mg/dL)	71.26	70 - 99
Urea (mg/dL)	7.59	7 - 20
Creatinine (mg/dL)	1.21	0.74 - 1.35
Sodium (mmol/L)	138.4	135 - 145
Potassium (mmol/L)	3.76	3.5 - 5.1
ALT (U/L)	29.79	7 - 56
AST (U/L)	24.32	10 - 40

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