

Medical Lab - Synthetic Blood Report

Report ID:	BR100196	Patient Name:	Isha Sharma
Sex:	M	Age:	21
Report Date:	2025-02-19	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.75	13.5 - 17.5
RBC (10^6/μL)	4.32	4.3 - 5.9
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	271	150 - 400
Hematocrit (%)	43.74	41 - 53
MCV (fL)	93.73	80 - 100
MCH (pg)	37.84	27 - 32
MCHC (g/dL)	35.41	32 - 36
Neutrophils (%)	53.1	40 - 70
Lymphocytes (%)	20.99	20 - 40
Fasting Glucose (mg/dL)	98.47	70 - 99
Urea (mg/dL)	20.13	7 - 20
Creatinine (mg/dL)	0.78	0.74 - 1.35
Sodium (mmol/L)	137.56	135 - 145
Potassium (mmol/L)	4.65	3.5 - 5.1
ALT (U/L)	45.48	7 - 56
AST (U/L)	21.0	10 - 40

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