

Medical Lab - Synthetic Blood Report

Report ID:	BR100254	Patient Name:	Meera Sharma
Sex:	F	Age:	16
Report Date:	2025-03-29	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.12	12.0 - 16.0
RBC (10^6/μL)	5.06	3.5 - 5.5
WBC (10^3/μL)	10	4.5 - 11.0
Platelets (10^3/μL)	380	150 - 400
Hematocrit (%)	44.41	36 - 46
MCV (fL)	86.87	80 - 100
MCH (pg)	28.97	27 - 32
MCHC (g/dL)	34.58	32 - 36
Neutrophils (%)	51.92	40 - 70
Lymphocytes (%)	31.64	20 - 40
Fasting Glucose (mg/dL)	92.14	70 - 99
Urea (mg/dL)	10.8	7 - 20
Creatinine (mg/dL)	0.47	0.59 - 1.04
Sodium (mmol/L)	138.87	135 - 145
Potassium (mmol/L)	3.53	3.5 - 5.1
ALT (U/L)	36.6	7 - 56
AST (U/L)	43.48	10 - 40

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