

Medical Lab - Synthetic Blood Report

Report ID:	BR100610	Patient Name:	Priya Sharma
Sex:	M	Age:	28
Report Date:	2025-07-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	21.8	13.5 - 17.5
RBC (10^6/µL)	4.54	4.3 - 5.9
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	253	150 - 400
Hematocrit (%)	41.49	41 - 53
MCV (fL)	86.23	80 - 100
MCH (pg)	19.85	27 - 32
MCHC (g/dL)	33.5	32 - 36
Neutrophils (%)	66.78	40 - 70
Lymphocytes (%)	25.16	20 - 40
Fasting Glucose (mg/dL)	121.03	70 - 99
Urea (mg/dL)	19.23	7 - 20
Creatinine (mg/dL)	1.18	0.74 - 1.35
Sodium (mmol/L)	135.42	135 - 145
Potassium (mmol/L)	4.14	3.5 - 5.1
ALT (U/L)	37.52	7 - 56
AST (U/L)	23.86	10 - 40

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