

# Medical Lab - Synthetic Blood Report

Report ID:	BR100620	Patient Name:	Priya Sharma
Sex:	F	Age:	16
Report Date:	2025-09-05	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.85	12.0 - 16.0
RBC (10^6/µL)	5.24	3.5 - 5.5
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	174	150 - 400
Hematocrit (%)	45.27	36 - 46
MCV (fL)	83.62	80 - 100
MCH (pg)	30.78	27 - 32
MCHC (g/dL)	34.05	32 - 36
Neutrophils (%)	38.94	40 - 70
Lymphocytes (%)	34.88	20 - 40
Fasting Glucose (mg/dL)	88.61	70 - 99
Urea (mg/dL)	10.9	7 - 20
Creatinine (mg/dL)	0.82	0.59 - 1.04
Sodium (mmol/L)	182.56	135 - 145
Potassium (mmol/L)	4.84	3.5 - 5.1
ALT (U/L)	37.23	7 - 56
AST (U/L)	13.0	10 - 40

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