

Medical Lab - Synthetic Blood Report

Report ID:	BR100543	Patient Name:	Pooja Reddy
Sex:	F	Age:	18
Report Date:	2025-08-10	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.34	12.0 - 16.0
RBC (10^6/µL)	3.45	3.5 - 5.5
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	338	150 - 400
Hematocrit (%)	30.56	36 - 46
MCV (fL)	88.09	80 - 100
MCH (pg)	28.25	27 - 32
MCHC (g/dL)	32.58	32 - 36
Neutrophils (%)	65.45	40 - 70
Lymphocytes (%)	24.16	20 - 40
Fasting Glucose (mg/dL)	84.77	70 - 99
Urea (mg/dL)	11.53	7 - 20
Creatinine (mg/dL)	0.43	0.59 - 1.04
Sodium (mmol/L)	139.48	135 - 145
Potassium (mmol/L)	4.23	3.5 - 5.1
ALT (U/L)	50.25	7 - 56
AST (U/L)	34.4	10 - 40

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