

Medical Lab - Synthetic Blood Report

Report ID:	BR100744	Patient Name:	Pooja Patel
Sex:	M	Age:	18
Report Date:	2025-07-19	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.17	13.5 - 17.5
RBC (10^6/µL)	5.53	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	265	150 - 400
Hematocrit (%)	48.83	41 - 53
MCV (fL)	121.06	80 - 100
MCH (pg)	28.54	27 - 32
MCHC (g/dL)	32.85	32 - 36
Neutrophils (%)	57.28	40 - 70
Lymphocytes (%)	23.81	20 - 40
Fasting Glucose (mg/dL)	65.04	70 - 99
Urea (mg/dL)	17.45	7 - 20
Creatinine (mg/dL)	1.01	0.74 - 1.35
Sodium (mmol/L)	139.8	135 - 145
Potassium (mmol/L)	3.39	3.5 - 5.1
ALT (U/L)	49.09	7 - 56
AST (U/L)	21.41	10 - 40

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