

# Medical Lab - Synthetic Blood Report

Report ID:	BR100174	Patient Name:	Pooja Malhotra
Sex:	F	Age:	36
Report Date:	2025-02-25	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.92	12.0 - 16.0
RBC (10^6/μL)	3.93	3.5 - 5.5
WBC (10^3/μL)	5	4.5 - 11.0
Platelets (10^3/μL)	354	150 - 400
Hematocrit (%)	38.25	36 - 46
MCV (fL)	96.29	80 - 100
MCH (pg)	27.44	27 - 32
MCHC (g/dL)	32.11	32 - 36
Neutrophils (%)	69.98	40 - 70
Lymphocytes (%)	16.61	20 - 40
Fasting Glucose (mg/dL)	87.55	70 - 99
Urea (mg/dL)	19.08	7 - 20
Creatinine (mg/dL)	0.92	0.59 - 1.04
Sodium (mmol/L)	136.65	135 - 145
Potassium (mmol/L)	2.89	3.5 - 5.1
ALT (U/L)	26.06	7 - 56
AST (U/L)	48.01	10 - 40

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