

# Medical Lab - Synthetic Blood Report

Report ID:	BR100555	Patient Name:	Asha Sharma
Sex:	F	Age:	45
Report Date:	2025-01-12	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.9	12.0 - 16.0
RBC (10^6/μL)	5.44	3.5 - 5.5
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	425	150 - 400
Hematocrit (%)	39.04	36 - 46
MCV (fL)	86.98	80 - 100
MCH (pg)	28.29	27 - 32
MCHC (g/dL)	35.56	32 - 36
Neutrophils (%)	67.4	40 - 70
Lymphocytes (%)	35.95	20 - 40
Fasting Glucose (mg/dL)	84.92	70 - 99
Urea (mg/dL)	17.41	7 - 20
Creatinine (mg/dL)	0.92	0.59 - 1.04
Sodium (mmol/L)	138.71	135 - 145
Potassium (mmol/L)	4.69	3.5 - 5.1
ALT (U/L)	15.96	7 - 56
AST (U/L)	44.79	10 - 40

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