

# Medical Lab - Synthetic Blood Report

Report ID:	BR100369	Patient Name:	Amit Gupta
Sex:	F	Age:	53
Report Date:	2025-03-03	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.39	12.0 - 16.0
RBC (10^6/μL)	4.27	3.5 - 5.5
WBC (10^3/μL)	5	4.5 - 11.0
Platelets (10^3/μL)	190	150 - 400
Hematocrit (%)	39.38	36 - 46
MCV (fL)	88.19	80 - 100
MCH (pg)	31.54	27 - 32
MCHC (g/dL)	44.85	32 - 36
Neutrophils (%)	53.52	40 - 70
Lymphocytes (%)	39.11	20 - 40
Fasting Glucose (mg/dL)	70.45	70 - 99
Urea (mg/dL)	22.28	7 - 20
Creatinine (mg/dL)	0.57	0.59 - 1.04
Sodium (mmol/L)	138.68	135 - 145
Potassium (mmol/L)	4.75	3.5 - 5.1
ALT (U/L)	25.86	7 - 56
AST (U/L)	37.72	10 - 40

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