

# Medical Lab - Synthetic Blood Report

Report ID:	BR100900	Patient Name:	Amit Iyer
Sex:	F	Age:	26
Report Date:	2025-03-24	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.07	12.0 - 16.0
RBC (10^6/ $\mu$ L)	5.03	3.5 - 5.5
WBC (10^3/ $\mu$ L)	12	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	281	150 - 400
Hematocrit (%)	26.48	36 - 46
MCV (fL)	96.55	80 - 100
MCH (pg)	29.4	27 - 32
MCHC (g/dL)	32.39	32 - 36
Neutrophils (%)	45.06	40 - 70
Lymphocytes (%)	32.03	20 - 40
Fasting Glucose (mg/dL)	72.45	70 - 99
Urea (mg/dL)	19.98	7 - 20
Creatinine (mg/dL)	0.6	0.59 - 1.04
Sodium (mmol/L)	138.8	135 - 145
Potassium (mmol/L)	4.68	3.5 - 5.1
ALT (U/L)	5.08	7 - 56
AST (U/L)	24.4	10 - 40

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