

# Medical Lab - Synthetic Blood Report

Report ID:	BR100822	Patient Name:	Amit Singh
Sex:	F	Age:	31
Report Date:	2025-08-22	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.91	12.0 - 16.0
RBC (10^6/µL)	2.78	3.5 - 5.5
WBC (10^3/µL)	11	4.5 - 11.0
Platelets (10^3/µL)	397	150 - 400
Hematocrit (%)	40.12	36 - 46
MCV (fL)	79.34	80 - 100
MCH (pg)	33.73	27 - 32
MCHC (g/dL)	41.95	32 - 36
Neutrophils (%)	60.91	40 - 70
Lymphocytes (%)	26.27	20 - 40
Fasting Glucose (mg/dL)	109.49	70 - 99
Urea (mg/dL)	24.11	7 - 20
Creatinine (mg/dL)	0.98	0.59 - 1.04
Sodium (mmol/L)	135.37	135 - 145
Potassium (mmol/L)	5.41	3.5 - 5.1
ALT (U/L)	5.8	7 - 56
AST (U/L)	12.04	10 - 40

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