

Medical Lab - Synthetic Blood Report

Report ID:	BR100176	Patient Name:	Amit Kumar
Sex:	F	Age:	39
Report Date:	2025-04-07	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.7	12.0 - 16.0
RBC (10^6/μL)	4.07	3.5 - 5.5
WBC (10^3/μL)	4	4.5 - 11.0
Platelets (10^3/μL)	294	150 - 400
Hematocrit (%)	44.33	36 - 46
MCV (fL)	86.98	80 - 100
MCH (pg)	31.49	27 - 32
MCHC (g/dL)	35.74	32 - 36
Neutrophils (%)	60.8	40 - 70
Lymphocytes (%)	34.3	20 - 40
Fasting Glucose (mg/dL)	75.81	70 - 99
Urea (mg/dL)	12.37	7 - 20
Creatinine (mg/dL)	1.03	0.59 - 1.04
Sodium (mmol/L)	142.75	135 - 145
Potassium (mmol/L)	4.18	3.5 - 5.1
ALT (U/L)	47.61	7 - 56
AST (U/L)	17.99	10 - 40

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