

Medical Lab - Synthetic Blood Report

Report ID:	BR100339	Patient Name:	Karan Reddy
Sex:	F	Age:	67
Report Date:	2025-08-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.35	12.0 - 16.0
RBC (10^6/μL)	4.34	3.5 - 5.5
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	321	150 - 400
Hematocrit (%)	44.38	36 - 46
MCV (fL)	93.08	80 - 100
MCH (pg)	30.1	27 - 32
MCHC (g/dL)	32.64	32 - 36
Neutrophils (%)	56.22	40 - 70
Lymphocytes (%)	39.77	20 - 40
Fasting Glucose (mg/dL)	96.69	70 - 99
Urea (mg/dL)	18.93	7 - 20
Creatinine (mg/dL)	1.17	0.59 - 1.04
Sodium (mmol/L)	142.04	135 - 145
Potassium (mmol/L)	4.01	3.5 - 5.1
ALT (U/L)	14.9	7 - 56
AST (U/L)	30.63	10 - 40

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