

# Medical Lab - Synthetic Blood Report

Report ID:	BR100408	Patient Name:	Vikram Reddy
Sex:	M	Age:	71
Report Date:	2025-04-17	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.58	13.5 - 17.5
RBC (10^6/µL)	4.76	4.3 - 5.9
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	193	150 - 400
Hematocrit (%)	29.73	41 - 53
MCV (fL)	90.07	80 - 100
MCH (pg)	31.74	27 - 32
MCHC (g/dL)	32.53	32 - 36
Neutrophils (%)	35.87	40 - 70
Lymphocytes (%)	31.56	20 - 40
Fasting Glucose (mg/dL)	84.7	70 - 99
Urea (mg/dL)	18.71	7 - 20
Creatinine (mg/dL)	0.85	0.74 - 1.35
Sodium (mmol/L)	135.14	135 - 145
Potassium (mmol/L)	3.73	3.5 - 5.1
ALT (U/L)	46.77	7 - 56
AST (U/L)	10.28	10 - 40

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