

# Medical Lab - Synthetic Blood Report

Report ID:	BR100213	Patient Name:	Vikram Reddy
Sex:	F	Age:	54
Report Date:	2025-03-07	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.19	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	5.38	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	7	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	324	150 - 400
Hematocrit (%)	44.73	36 - 46
MCV (fL)	94.15	80 - 100
MCH (pg)	21.21	27 - 32
MCHC (g/dL)	35.08	32 - 36
Neutrophils (%)	39.9	40 - 70
Lymphocytes (%)	25.98	20 - 40
Fasting Glucose (mg/dL)	93.91	70 - 99
Urea (mg/dL)	13.66	7 - 20
Creatinine (mg/dL)	0.97	0.59 - 1.04
Sodium (mmol/L)	186.2	135 - 145
Potassium (mmol/L)	5.02	3.5 - 5.1
ALT (U/L)	48.71	7 - 56
AST (U/L)	10.37	10 - 40

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