

# Medical Lab - Synthetic Blood Report

Report ID:	BR100123	Patient Name:	Karan Iyer
Sex:	F	Age:	76
Report Date:	2025-01-28	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.41	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	4.38	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	13	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	242	150 - 400
Hematocrit (%)	40.44	36 - 46
MCV (fL)	99.51	80 - 100
MCH (pg)	27.34	27 - 32
MCHC (g/dL)	31.43	32 - 36
Neutrophils (%)	48.92	40 - 70
Lymphocytes (%)	19.33	20 - 40
Fasting Glucose (mg/dL)	79.98	70 - 99
Urea (mg/dL)	20.59	7 - 20
Creatinine (mg/dL)	0.78	0.59 - 1.04
Sodium (mmol/L)	136.91	135 - 145
Potassium (mmol/L)	4.51	3.5 - 5.1
ALT (U/L)	20.11	7 - 56
AST (U/L)	37.78	10 - 40

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