

# Medical Lab - Synthetic Blood Report

Report ID:	BR100425	Patient Name:	Karan Verma
Sex:	M	Age:	74
Report Date:	2025-04-03	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.46	13.5 - 17.5
RBC (10^6/µL)	4.35	4.3 - 5.9
WBC (10^3/µL)	13	4.5 - 11.0
Platelets (10^3/µL)	260	150 - 400
Hematocrit (%)	42.16	41 - 53
MCV (fL)	91.99	80 - 100
MCH (pg)	31.63	27 - 32
MCHC (g/dL)	35.93	32 - 36
Neutrophils (%)	62.45	40 - 70
Lymphocytes (%)	20.56	20 - 40
Fasting Glucose (mg/dL)	86.3	70 - 99
Urea (mg/dL)	10.73	7 - 20
Creatinine (mg/dL)	0.96	0.74 - 1.35
Sodium (mmol/L)	140.77	135 - 145
Potassium (mmol/L)	2.59	3.5 - 5.1
ALT (U/L)	53.79	7 - 56
AST (U/L)	28.2	10 - 40

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