

# Medical Lab - Synthetic Blood Report

Report ID:	BR100598	Patient Name:	Karan Verma
Sex:	M	Age:	46
Report Date:	2024-11-05	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.98	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	5.1	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	8	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	429	150 - 400
Hematocrit (%)	45.29	41 - 53
MCV (fL)	59.3	80 - 100
MCH (pg)	29.01	27 - 32
MCHC (g/dL)	40.24	32 - 36
Neutrophils (%)	53.51	40 - 70
Lymphocytes (%)	38.77	20 - 40
Fasting Glucose (mg/dL)	87.9	70 - 99
Urea (mg/dL)	9.97	7 - 20
Creatinine (mg/dL)	0.83	0.74 - 1.35
Sodium (mmol/L)	136.54	135 - 145
Potassium (mmol/L)	3.83	3.5 - 5.1
ALT (U/L)	17.94	7 - 56
AST (U/L)	18.07	10 - 40

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