

Medical Lab - Synthetic Blood Report

Report ID:	BR100185	Patient Name:	Karan Singh
Sex:	M	Age:	69
Report Date:	2025-09-16	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.86	13.5 - 17.5
RBC (10^6/µL)	5.21	4.3 - 5.9
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	224	150 - 400
Hematocrit (%)	45.55	41 - 53
MCV (fL)	93.22	80 - 100
MCH (pg)	30.73	27 - 32
MCHC (g/dL)	35.03	32 - 36
Neutrophils (%)	28.31	40 - 70
Lymphocytes (%)	39.19	20 - 40
Fasting Glucose (mg/dL)	73.98	70 - 99
Urea (mg/dL)	14.94	7 - 20
Creatinine (mg/dL)	1.1	0.74 - 1.35
Sodium (mmol/L)	145.77	135 - 145
Potassium (mmol/L)	4.75	3.5 - 5.1
ALT (U/L)	13.76	7 - 56
AST (U/L)	14.83	10 - 40

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