

# Medical Lab - Synthetic Blood Report

Report ID:	BR100104	Patient Name:	Karan Singh
Sex:	M	Age:	90
Report Date:	2025-03-31	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	19.14	13.5 - 17.5
RBC (10^6/µL)	5.62	4.3 - 5.9
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	387	150 - 400
Hematocrit (%)	52.0	41 - 53
MCV (fL)	75.89	80 - 100
MCH (pg)	30.56	27 - 32
MCHC (g/dL)	28.34	32 - 36
Neutrophils (%)	58.11	40 - 70
Lymphocytes (%)	27.31	20 - 40
Fasting Glucose (mg/dL)	81.22	70 - 99
Urea (mg/dL)	9.93	7 - 20
Creatinine (mg/dL)	1.23	0.74 - 1.35
Sodium (mmol/L)	139.48	135 - 145
Potassium (mmol/L)	5.55	3.5 - 5.1
ALT (U/L)	4.91	7 - 56
AST (U/L)	17.76	10 - 40

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