

# Medical Lab - Synthetic Blood Report

Report ID:	BR100460	Patient Name:	Karan Malhotra
Sex:	M	Age:	76
Report Date:	2024-11-25	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.47	13.5 - 17.5
RBC (10^6/µL)	5.24	4.3 - 5.9
WBC (10^3/µL)	11	4.5 - 11.0
Platelets (10^3/µL)	353	150 - 400
Hematocrit (%)	34.84	41 - 53
MCV (fL)	86.99	80 - 100
MCH (pg)	29.32	27 - 32
MCHC (g/dL)	32.3	32 - 36
Neutrophils (%)	53.44	40 - 70
Lymphocytes (%)	19.17	20 - 40
Fasting Glucose (mg/dL)	50.19	70 - 99
Urea (mg/dL)	11.25	7 - 20
Creatinine (mg/dL)	1.12	0.74 - 1.35
Sodium (mmol/L)	144.43	135 - 145
Potassium (mmol/L)	4.15	3.5 - 5.1
ALT (U/L)	5.74	7 - 56
AST (U/L)	17.39	10 - 40

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