

# Medical Lab - Synthetic Blood Report

Report ID:	BR100783	Patient Name:	Karan Malhotra
Sex:	F	Age:	87
Report Date:	2025-03-30	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.39	12.0 - 16.0
RBC (10^6/ $\mu$ L)	3.65	3.5 - 5.5
WBC (10^3/ $\mu$ L)	8	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	174	150 - 400
Hematocrit (%)	45.75	36 - 46
MCV (fL)	86.89	80 - 100
MCH (pg)	30.8	27 - 32
MCHC (g/dL)	35.21	32 - 36
Neutrophils (%)	55.98	40 - 70
Lymphocytes (%)	29.11	20 - 40
Fasting Glucose (mg/dL)	83.94	70 - 99
Urea (mg/dL)	19.17	7 - 20
Creatinine (mg/dL)	0.66	0.59 - 1.04
Sodium (mmol/L)	135.12	135 - 145
Potassium (mmol/L)	4.92	3.5 - 5.1
ALT (U/L)	11.35	7 - 56
AST (U/L)	32.62	10 - 40

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