

# Medical Lab - Synthetic Blood Report

Report ID:	BR100909	Patient Name:	Sameer Malhotra
Sex:	M	Age:	80
Report Date:	2025-09-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.0	13.5 - 17.5
RBC (10^6/µL)	5.09	4.3 - 5.9
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	377	150 - 400
Hematocrit (%)	52.5	41 - 53
MCV (fL)	82.01	80 - 100
MCH (pg)	28.29	27 - 32
MCHC (g/dL)	23.47	32 - 36
Neutrophils (%)	30.14	40 - 70
Lymphocytes (%)	26.1	20 - 40
Fasting Glucose (mg/dL)	75.33	70 - 99
Urea (mg/dL)	14.93	7 - 20
Creatinine (mg/dL)	0.7	0.74 - 1.35
Sodium (mmol/L)	140.91	135 - 145
Potassium (mmol/L)	4.45	3.5 - 5.1
ALT (U/L)	13.0	7 - 56
AST (U/L)	15.45	10 - 40

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