

# Medical Lab - Synthetic Blood Report

Report ID:	BR100025	Patient Name:	Sameer Malhotra
Sex:	F	Age:	63
Report Date:	2025-02-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.05	12.0 - 16.0
RBC (10^6/ $\mu$ L)	4.72	3.5 - 5.5
WBC (10^3/ $\mu$ L)	9	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	479	150 - 400
Hematocrit (%)	57.74	36 - 46
MCV (fL)	95.73	80 - 100
MCH (pg)	31.58	27 - 32
MCHC (g/dL)	34.97	32 - 36
Neutrophils (%)	41.88	40 - 70
Lymphocytes (%)	39.46	20 - 40
Fasting Glucose (mg/dL)	125.67	70 - 99
Urea (mg/dL)	9.73	7 - 20
Creatinine (mg/dL)	0.95	0.59 - 1.04
Sodium (mmol/L)	141.53	135 - 145
Potassium (mmol/L)	5.54	3.5 - 5.1
ALT (U/L)	42.32	7 - 56
AST (U/L)	26.54	10 - 40

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