

Medical Lab - Synthetic Blood Report

Report ID:	BR100005	Patient Name:	Sameer Khan
Sex:	M	Age:	79
Report Date:	2025-05-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.96	13.5 - 17.5
RBC (10^6/µL)	4.56	4.3 - 5.9
WBC (10^3/µL)	4	4.5 - 11.0
Platelets (10^3/µL)	187	150 - 400
Hematocrit (%)	41.38	41 - 53
MCV (fL)	87.84	80 - 100
MCH (pg)	28.21	27 - 32
MCHC (g/dL)	34.31	32 - 36
Neutrophils (%)	55.97	40 - 70
Lymphocytes (%)	34.82	20 - 40
Fasting Glucose (mg/dL)	101.8	70 - 99
Urea (mg/dL)	13.55	7 - 20
Creatinine (mg/dL)	1.34	0.74 - 1.35
Sodium (mmol/L)	170.6	135 - 145
Potassium (mmol/L)	4.72	3.5 - 5.1
ALT (U/L)	29.42	7 - 56
AST (U/L)	21.15	10 - 40

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