

Medical Lab - Synthetic Blood Report

Report ID:	BR100320	Patient Name:	Sameer Khan
Sex:	F	Age:	58
Report Date:	2025-02-09	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.24	12.0 - 16.0
RBC (10^6/μL)	4.03	3.5 - 5.5
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	194	150 - 400
Hematocrit (%)	37.36	36 - 46
MCV (fL)	80.44	80 - 100
MCH (pg)	31.62	27 - 32
MCHC (g/dL)	34.03	32 - 36
Neutrophils (%)	43.27	40 - 70
Lymphocytes (%)	20.48	20 - 40
Fasting Glucose (mg/dL)	85.97	70 - 99
Urea (mg/dL)	7.97	7 - 20
Creatinine (mg/dL)	0.75	0.59 - 1.04
Sodium (mmol/L)	141.29	135 - 145
Potassium (mmol/L)	6.29	3.5 - 5.1
ALT (U/L)	27.79	7 - 56
AST (U/L)	21.58	10 - 40

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