

Medical Lab - Synthetic Blood Report

Report ID:	BR100631	Patient Name:	Sneha Khan
Sex:	M	Age:	56
Report Date:	2025-03-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.98	13.5 - 17.5
RBC (10^6/µL)	5.62	4.3 - 5.9
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	400	150 - 400
Hematocrit (%)	33.89	41 - 53
MCV (fL)	121.68	80 - 100
MCH (pg)	30.46	27 - 32
MCHC (g/dL)	33.81	32 - 36
Neutrophils (%)	57.14	40 - 70
Lymphocytes (%)	45.31	20 - 40
Fasting Glucose (mg/dL)	83.82	70 - 99
Urea (mg/dL)	16.27	7 - 20
Creatinine (mg/dL)	1.27	0.74 - 1.35
Sodium (mmol/L)	151.59	135 - 145
Potassium (mmol/L)	2.67	3.5 - 5.1
ALT (U/L)	42.2	7 - 56
AST (U/L)	23.05	10 - 40

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