

Medical Lab - Synthetic Blood Report

Report ID:	BR100841	Patient Name:	Sneha Jain
Sex:	M	Age:	50
Report Date:	2025-07-17	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.5	13.5 - 17.5
RBC (10^6/μL)	4.69	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	364	150 - 400
Hematocrit (%)	42.58	41 - 53
MCV (fL)	90.08	80 - 100
MCH (pg)	38.91	27 - 32
MCHC (g/dL)	34.45	32 - 36
Neutrophils (%)	37.73	40 - 70
Lymphocytes (%)	36.41	20 - 40
Fasting Glucose (mg/dL)	75.65	70 - 99
Urea (mg/dL)	12.2	7 - 20
Creatinine (mg/dL)	0.62	0.74 - 1.35
Sodium (mmol/L)	139.89	135 - 145
Potassium (mmol/L)	3.79	3.5 - 5.1
ALT (U/L)	14.85	7 - 56
AST (U/L)	23.53	10 - 40

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