

Medical Lab - Synthetic Blood Report

Report ID:	BR100998	Patient Name:	Sneha Bose
Sex:	M	Age:	58
Report Date:	2025-04-15	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.41	13.5 - 17.5
RBC (10 ⁶ /μL)	5.68	4.3 - 5.9
WBC (10 ³ /μL)	6	4.5 - 11.0
Platelets (10 ³ /μL)	195	150 - 400
Hematocrit (%)	45.8	41 - 53
MCV (fL)	83.58	80 - 100
MCH (pg)	27.85	27 - 32
MCHC (g/dL)	32.79	32 - 36
Neutrophils (%)	67.78	40 - 70
Lymphocytes (%)	22.33	20 - 40
Fasting Glucose (mg/dL)	90.79	70 - 99
Urea (mg/dL)	12.76	7 - 20
Creatinine (mg/dL)	1.24	0.74 - 1.35
Sodium (mmol/L)	137.81	135 - 145
Potassium (mmol/L)	4.86	3.5 - 5.1
ALT (U/L)	42.54	7 - 56
AST (U/L)	33.18	10 - 40

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