

Medical Lab - Synthetic Blood Report

Report ID:	BR100633	Patient Name:	Sneha Iyer
Sex:	F	Age:	42
Report Date:	2025-01-09	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.58	12.0 - 16.0
RBC (10^6/ μ L)	5.32	3.5 - 5.5
WBC (10^3/ μ L)	7	4.5 - 11.0
Platelets (10^3/ μ L)	277	150 - 400
Hematocrit (%)	44.89	36 - 46
MCV (fL)	92.42	80 - 100
MCH (pg)	30.36	27 - 32
MCHC (g/dL)	30.86	32 - 36
Neutrophils (%)	50.91	40 - 70
Lymphocytes (%)	16.54	20 - 40
Fasting Glucose (mg/dL)	117.27	70 - 99
Urea (mg/dL)	11.21	7 - 20
Creatinine (mg/dL)	1.11	0.59 - 1.04
Sodium (mmol/L)	136.19	135 - 145
Potassium (mmol/L)	3.55	3.5 - 5.1
ALT (U/L)	6.5	7 - 56
AST (U/L)	21.97	10 - 40

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