

# Medical Lab - Synthetic Blood Report

Report ID:	BR100624	Patient Name:	Sneha Reddy
Sex:	F	Age:	51
Report Date:	2025-06-24	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.36	12.0 - 16.0
RBC (10^6/ $\mu$ L)	3.47	3.5 - 5.5
WBC (10^3/ $\mu$ L)	8	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	458	150 - 400
Hematocrit (%)	40.19	36 - 46
MCV (fL)	87.88	80 - 100
MCH (pg)	27.59	27 - 32
MCHC (g/dL)	32.8	32 - 36
Neutrophils (%)	52.86	40 - 70
Lymphocytes (%)	37.12	20 - 40
Fasting Glucose (mg/dL)	83.93	70 - 99
Urea (mg/dL)	6.36	7 - 20
Creatinine (mg/dL)	0.93	0.59 - 1.04
Sodium (mmol/L)	137.7	135 - 145
Potassium (mmol/L)	3.51	3.5 - 5.1
ALT (U/L)	13.14	7 - 56
AST (U/L)	10.16	10 - 40

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