

# Medical Lab - Synthetic Blood Report

Report ID:	BR100302	Patient Name:	Sneha Desai
Sex:	F	Age:	52
Report Date:	2024-11-28	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.63	12.0 - 16.0
RBC (10^6/µL)	4.02	3.5 - 5.5
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	150	150 - 400
Hematocrit (%)	44.59	36 - 46
MCV (fL)	96.96	80 - 100
MCH (pg)	29.29	27 - 32
MCHC (g/dL)	34.14	32 - 36
Neutrophils (%)	36.76	40 - 70
Lymphocytes (%)	22.62	20 - 40
Fasting Glucose (mg/dL)	70.91	70 - 99
Urea (mg/dL)	13.55	7 - 20
Creatinine (mg/dL)	0.95	0.59 - 1.04
Sodium (mmol/L)	140.48	135 - 145
Potassium (mmol/L)	3.92	3.5 - 5.1
ALT (U/L)	24.1	7 - 56
AST (U/L)	20.85	10 - 40

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