

# Medical Lab - Synthetic Blood Report

Report ID:	BR100167	Patient Name:	Sneha Singh
Sex:	F	Age:	55
Report Date:	2024-10-09	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.65	12.0 - 16.0
RBC (10^6/µL)	4.93	3.5 - 5.5
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	295	150 - 400
Hematocrit (%)	45.42	36 - 46
MCV (fL)	125.39	80 - 100
MCH (pg)	27.25	27 - 32
MCHC (g/dL)	32.21	32 - 36
Neutrophils (%)	44.44	40 - 70
Lymphocytes (%)	26.94	20 - 40
Fasting Glucose (mg/dL)	61.2	70 - 99
Urea (mg/dL)	4.99	7 - 20
Creatinine (mg/dL)	0.99	0.59 - 1.04
Sodium (mmol/L)	139.85	135 - 145
Potassium (mmol/L)	4.15	3.5 - 5.1
ALT (U/L)	24.39	7 - 56
AST (U/L)	39.58	10 - 40

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