

# Medical Lab - Synthetic Blood Report

Report ID:	BR100871	Patient Name:	Sneha Mehta
Sex:	F	Age:	55
Report Date:	2024-10-30	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.17	12.0 - 16.0
RBC (10^6/µL)	5.11	3.5 - 5.5
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	315	150 - 400
Hematocrit (%)	43.49	36 - 46
MCV (fL)	96.43	80 - 100
MCH (pg)	28.07	27 - 32
MCHC (g/dL)	33.56	32 - 36
Neutrophils (%)	68.74	40 - 70
Lymphocytes (%)	26.31	20 - 40
Fasting Glucose (mg/dL)	52.49	70 - 99
Urea (mg/dL)	19.34	7 - 20
Creatinine (mg/dL)	0.7	0.59 - 1.04
Sodium (mmol/L)	144.24	135 - 145
Potassium (mmol/L)	3.92	3.5 - 5.1
ALT (U/L)	20.38	7 - 56
AST (U/L)	7.51	10 - 40

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