

Medical Lab - Synthetic Blood Report

Report ID:	BR100204	Patient Name:	Anita Singh
Sex:	F	Age:	61
Report Date:	2025-03-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.34	12.0 - 16.0
RBC (10^6/µL)	4.52	3.5 - 5.5
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	205	150 - 400
Hematocrit (%)	45.3	36 - 46
MCV (fL)	97.16	80 - 100
MCH (pg)	27.02	27 - 32
MCHC (g/dL)	34.69	32 - 36
Neutrophils (%)	40.17	40 - 70
Lymphocytes (%)	39.72	20 - 40
Fasting Glucose (mg/dL)	118.64	70 - 99
Urea (mg/dL)	7.15	7 - 20
Creatinine (mg/dL)	0.68	0.59 - 1.04
Sodium (mmol/L)	140.9	135 - 145
Potassium (mmol/L)	4.53	3.5 - 5.1
ALT (U/L)	13.49	7 - 56
AST (U/L)	9.95	10 - 40

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