

Medical Lab - Synthetic Blood Report

Report ID:	BR100894	Patient Name:	Anita Mehta
Sex:	M	Age:	52
Report Date:	2025-02-16	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.27	13.5 - 17.5
RBC (10^6/μL)	5.22	4.3 - 5.9
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	269	150 - 400
Hematocrit (%)	48.14	41 - 53
MCV (fL)	83.58	80 - 100
MCH (pg)	30.12	27 - 32
MCHC (g/dL)	33.41	32 - 36
Neutrophils (%)	55.58	40 - 70
Lymphocytes (%)	22.36	20 - 40
Fasting Glucose (mg/dL)	89.56	70 - 99
Urea (mg/dL)	6.69	7 - 20
Creatinine (mg/dL)	1.18	0.74 - 1.35
Sodium (mmol/L)	144.75	135 - 145
Potassium (mmol/L)	4.4	3.5 - 5.1
ALT (U/L)	12.71	7 - 56
AST (U/L)	25.79	10 - 40

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