

Medical Lab - Synthetic Blood Report

Report ID:	BR100747	Patient Name:	Anita Desai
Sex:	F	Age:	50
Report Date:	2025-04-25	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.56	12.0 - 16.0
RBC (10^6/µL)	4.85	3.5 - 5.5
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	251	150 - 400
Hematocrit (%)	45.68	36 - 46
MCV (fL)	85.55	80 - 100
MCH (pg)	27.71	27 - 32
MCHC (g/dL)	42.48	32 - 36
Neutrophils (%)	47.41	40 - 70
Lymphocytes (%)	32.04	20 - 40
Fasting Glucose (mg/dL)	95.42	70 - 99
Urea (mg/dL)	24.36	7 - 20
Creatinine (mg/dL)	0.93	0.59 - 1.04
Sodium (mmol/L)	144.91	135 - 145
Potassium (mmol/L)	2.77	3.5 - 5.1
ALT (U/L)	29.01	7 - 56
AST (U/L)	13.73	10 - 40

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