

# Medical Lab - Synthetic Blood Report

Report ID:	BR100424	Patient Name:	Anita Kapoor
Sex:	M	Age:	47
Report Date:	2025-06-09	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.14	13.5 - 17.5
RBC (10^6/μL)	5.09	4.3 - 5.9
WBC (10^3/μL)	10	4.5 - 11.0
Platelets (10^3/μL)	166	150 - 400
Hematocrit (%)	43.03	41 - 53
MCV (fL)	100.77	80 - 100
MCH (pg)	27.21	27 - 32
MCHC (g/dL)	35.13	32 - 36
Neutrophils (%)	63.42	40 - 70
Lymphocytes (%)	29.79	20 - 40
Fasting Glucose (mg/dL)	87.14	70 - 99
Urea (mg/dL)	7.95	7 - 20
Creatinine (mg/dL)	0.95	0.74 - 1.35
Sodium (mmol/L)	136.56	135 - 145
Potassium (mmol/L)	2.96	3.5 - 5.1
ALT (U/L)	47.88	7 - 56
AST (U/L)	10.46	10 - 40

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