

# Medical Lab - Synthetic Blood Report

Report ID:	BR100997	Patient Name:	Anita Kumar
Sex:	M	Age:	43
Report Date:	2024-10-27	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.94	13.5 - 17.5
RBC (10^6/µL)	4.49	4.3 - 5.9
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	179	150 - 400
Hematocrit (%)	52.6	41 - 53
MCV (fL)	97.73	80 - 100
MCH (pg)	27.61	27 - 32
MCHC (g/dL)	33.28	32 - 36
Neutrophils (%)	53.09	40 - 70
Lymphocytes (%)	27.4	20 - 40
Fasting Glucose (mg/dL)	89.18	70 - 99
Urea (mg/dL)	18.43	7 - 20
Creatinine (mg/dL)	0.83	0.74 - 1.35
Sodium (mmol/L)	174.3	135 - 145
Potassium (mmol/L)	4.1	3.5 - 5.1
ALT (U/L)	22.0	7 - 56
AST (U/L)	22.68	10 - 40

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