

# Medical Lab - Synthetic Blood Report

Report ID:	BR100560	Patient Name:	Amit Verma
Sex:	F	Age:	76
Report Date:	2024-10-31	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.31	12.0 - 16.0
RBC (10^6/μL)	3.66	3.5 - 5.5
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	328	150 - 400
Hematocrit (%)	44.9	36 - 46
MCV (fL)	79.61	80 - 100
MCH (pg)	29.23	27 - 32
MCHC (g/dL)	35.24	32 - 36
Neutrophils (%)	41.13	40 - 70
Lymphocytes (%)	27.46	20 - 40
Fasting Glucose (mg/dL)	79.33	70 - 99
Urea (mg/dL)	8.3	7 - 20
Creatinine (mg/dL)	0.93	0.59 - 1.04
Sodium (mmol/L)	127.54	135 - 145
Potassium (mmol/L)	5.19	3.5 - 5.1
ALT (U/L)	21.09	7 - 56
AST (U/L)	38.38	10 - 40

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