

# Medical Lab - Synthetic Blood Report

Report ID:	BR100409	Patient Name:	Amit Saxena
Sex:	M	Age:	56
Report Date:	2024-12-17	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.3	13.5 - 17.5
RBC (10^6/µL)	4.49	4.3 - 5.9
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	233	150 - 400
Hematocrit (%)	47.67	41 - 53
MCV (fL)	84.66	80 - 100
MCH (pg)	30.79	27 - 32
MCHC (g/dL)	35.9	32 - 36
Neutrophils (%)	45.58	40 - 70
Lymphocytes (%)	28.59	20 - 40
Fasting Glucose (mg/dL)	83.49	70 - 99
Urea (mg/dL)	9.89	7 - 20
Creatinine (mg/dL)	0.98	0.74 - 1.35
Sodium (mmol/L)	136.23	135 - 145
Potassium (mmol/L)	3.9	3.5 - 5.1
ALT (U/L)	23.95	7 - 56
AST (U/L)	9.47	10 - 40

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