

# Medical Lab - Synthetic Blood Report

Report ID:	BR100626	Patient Name:	Amit Verma
Sex:	M	Age:	23
Report Date:	2024-12-16	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.97	13.5 - 17.5
RBC (10^6/µL)	4.97	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	269	150 - 400
Hematocrit (%)	41.98	41 - 53
MCV (fL)	67.91	80 - 100
MCH (pg)	27.7	27 - 32
MCHC (g/dL)	32.03	32 - 36
Neutrophils (%)	45.71	40 - 70
Lymphocytes (%)	29.38	20 - 40
Fasting Glucose (mg/dL)	78.19	70 - 99
Urea (mg/dL)	13.87	7 - 20
Creatinine (mg/dL)	0.71	0.74 - 1.35
Sodium (mmol/L)	136.3	135 - 145
Potassium (mmol/L)	4.69	3.5 - 5.1
ALT (U/L)	35.86	7 - 56
AST (U/L)	7.69	10 - 40

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