

# Medical Lab - Synthetic Blood Report

Report ID:	BR100017	Patient Name:	Nikhil Gupta
Sex:	M	Age:	60
Report Date:	2025-01-16	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.91	13.5 - 17.5
RBC (10^6/µL)	4.35	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	180	150 - 400
Hematocrit (%)	47.94	41 - 53
MCV (fL)	95.52	80 - 100
MCH (pg)	28.05	27 - 32
MCHC (g/dL)	24.39	32 - 36
Neutrophils (%)	45.28	40 - 70
Lymphocytes (%)	36.05	20 - 40
Fasting Glucose (mg/dL)	103.24	70 - 99
Urea (mg/dL)	9.89	7 - 20
Creatinine (mg/dL)	1.33	0.74 - 1.35
Sodium (mmol/L)	135.29	135 - 145
Potassium (mmol/L)	4.03	3.5 - 5.1
ALT (U/L)	6.47	7 - 56
AST (U/L)	26.83	10 - 40

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