

# Medical Lab - Synthetic Blood Report

Report ID:	BR100070	Patient Name:	Nikhil Sharma
Sex:	M	Age:	45
Report Date:	2025-05-20	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.25	13.5 - 17.5
RBC (10^6/µL)	5.42	4.3 - 5.9
WBC (10^3/µL)	11	4.5 - 11.0
Platelets (10^3/µL)	226	150 - 400
Hematocrit (%)	45.89	41 - 53
MCV (fL)	81.68	80 - 100
MCH (pg)	31.3	27 - 32
MCHC (g/dL)	33.51	32 - 36
Neutrophils (%)	56.18	40 - 70
Lymphocytes (%)	34.57	20 - 40
Fasting Glucose (mg/dL)	80.57	70 - 99
Urea (mg/dL)	16.32	7 - 20
Creatinine (mg/dL)	0.94	0.74 - 1.35
Sodium (mmol/L)	136.59	135 - 145
Potassium (mmol/L)	4.49	3.5 - 5.1
ALT (U/L)	23.19	7 - 56
AST (U/L)	15.81	10 - 40

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