

# Medical Lab - Synthetic Blood Report

Report ID:	BR100023	Patient Name:	Nikhil Bose
Sex:	M	Age:	50
Report Date:	2025-05-28	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.13	13.5 - 17.5
RBC (10^6/μL)	5.15	4.3 - 5.9
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	392	150 - 400
Hematocrit (%)	51.25	41 - 53
MCV (fL)	82.35	80 - 100
MCH (pg)	29.05	27 - 32
MCHC (g/dL)	22.96	32 - 36
Neutrophils (%)	58.01	40 - 70
Lymphocytes (%)	21.5	20 - 40
Fasting Glucose (mg/dL)	84.41	70 - 99
Urea (mg/dL)	19.66	7 - 20
Creatinine (mg/dL)	1.6	0.74 - 1.35
Sodium (mmol/L)	142.3	135 - 145
Potassium (mmol/L)	3.85	3.5 - 5.1
ALT (U/L)	33.4	7 - 56
AST (U/L)	14.67	10 - 40

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