

# Medical Lab - Synthetic Blood Report

Report ID:	BR100687	Patient Name:	Vikram Bose
Sex:	M	Age:	31
Report Date:	2025-01-20	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.26	13.5 - 17.5
RBC (10^6/μL)	5.01	4.3 - 5.9
WBC (10^3/μL)	12	4.5 - 11.0
Platelets (10^3/μL)	300	150 - 400
Hematocrit (%)	51.54	41 - 53
MCV (fL)	81.62	80 - 100
MCH (pg)	27.35	27 - 32
MCHC (g/dL)	32.13	32 - 36
Neutrophils (%)	64.92	40 - 70
Lymphocytes (%)	20.05	20 - 40
Fasting Glucose (mg/dL)	90.82	70 - 99
Urea (mg/dL)	15.4	7 - 20
Creatinine (mg/dL)	0.81	0.74 - 1.35
Sodium (mmol/L)	164.45	135 - 145
Potassium (mmol/L)	4.46	3.5 - 5.1
ALT (U/L)	21.76	7 - 56
AST (U/L)	31.4	10 - 40

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