

# Medical Lab - Synthetic Blood Report

Report ID:	BR100381	Patient Name:	Amit Bose
Sex:	M	Age:	26
Report Date:	2025-04-28	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.48	13.5 - 17.5
RBC (10^6/µL)	4.59	4.3 - 5.9
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	389	150 - 400
Hematocrit (%)	41.89	41 - 53
MCV (fL)	85.05	80 - 100
MCH (pg)	40.36	27 - 32
MCHC (g/dL)	44.27	32 - 36
Neutrophils (%)	64.34	40 - 70
Lymphocytes (%)	34.47	20 - 40
Fasting Glucose (mg/dL)	88.48	70 - 99
Urea (mg/dL)	8.86	7 - 20
Creatinine (mg/dL)	0.81	0.74 - 1.35
Sodium (mmol/L)	142.57	135 - 145
Potassium (mmol/L)	3.77	3.5 - 5.1
ALT (U/L)	42.87	7 - 56
AST (U/L)	39.02	10 - 40

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