

Medical Lab - Synthetic Blood Report

Report ID:	BR100686	Patient Name:	Amit Bose
Sex:	M	Age:	21
Report Date:	2025-01-31	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.89	13.5 - 17.5
RBC (10^6/ μ L)	4.97	4.3 - 5.9
WBC (10^3/ μ L)	14	4.5 - 11.0
Platelets (10^3/ μ L)	310	150 - 400
Hematocrit (%)	43.0	41 - 53
MCV (fL)	110.01	80 - 100
MCH (pg)	30.25	27 - 32
MCHC (g/dL)	41.37	32 - 36
Neutrophils (%)	77.54	40 - 70
Lymphocytes (%)	34.34	20 - 40
Fasting Glucose (mg/dL)	72.02	70 - 99
Urea (mg/dL)	15.1	7 - 20
Creatinine (mg/dL)	0.94	0.74 - 1.35
Sodium (mmol/L)	139.95	135 - 145
Potassium (mmol/L)	4.9	3.5 - 5.1
ALT (U/L)	10.86	7 - 56
AST (U/L)	27.13	10 - 40

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