

Medical Lab - Synthetic Blood Report

Report ID:	BR100577	Patient Name:	Amit Bose
Sex:	M	Age:	27
Report Date:	2024-11-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.65	13.5 - 17.5
RBC (10^6/μL)	3.76	4.3 - 5.9
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	158	150 - 400
Hematocrit (%)	49.17	41 - 53
MCV (fL)	105.01	80 - 100
MCH (pg)	29.66	27 - 32
MCHC (g/dL)	34.6	32 - 36
Neutrophils (%)	51.1	40 - 70
Lymphocytes (%)	26.93	20 - 40
Fasting Glucose (mg/dL)	92.41	70 - 99
Urea (mg/dL)	5.89	7 - 20
Creatinine (mg/dL)	1.37	0.74 - 1.35
Sodium (mmol/L)	136.33	135 - 145
Potassium (mmol/L)	4.61	3.5 - 5.1
ALT (U/L)	22.47	7 - 56
AST (U/L)	33.62	10 - 40

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