

Medical Lab - Synthetic Blood Report

Report ID:	BR100084	Patient Name:	Sameer Bose
Sex:	M	Age:	46
Report Date:	2025-04-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.1	13.5 - 17.5
RBC (10^6/μL)	5.19	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	332	150 - 400
Hematocrit (%)	49.91	41 - 53
MCV (fL)	92.29	80 - 100
MCH (pg)	28.59	27 - 32
MCHC (g/dL)	34.27	32 - 36
Neutrophils (%)	72.17	40 - 70
Lymphocytes (%)	38.95	20 - 40
Fasting Glucose (mg/dL)	49.36	70 - 99
Urea (mg/dL)	11.43	7 - 20
Creatinine (mg/dL)	0.65	0.74 - 1.35
Sodium (mmol/L)	141.87	135 - 145
Potassium (mmol/L)	4.64	3.5 - 5.1
ALT (U/L)	44.85	7 - 56
AST (U/L)	24.72	10 - 40

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