

# Medical Lab - Synthetic Blood Report

Report ID:	BR100820	Patient Name:	Sameer Joshi
Sex:	M	Age:	33
Report Date:	2025-08-17	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.12	13.5 - 17.5
RBC (10^6/μL)	4.33	4.3 - 5.9
WBC (10^3/μL)	10	4.5 - 11.0
Platelets (10^3/μL)	237	150 - 400
Hematocrit (%)	51.9	41 - 53
MCV (fL)	86.44	80 - 100
MCH (pg)	28.33	27 - 32
MCHC (g/dL)	34.26	32 - 36
Neutrophils (%)	53.32	40 - 70
Lymphocytes (%)	16.86	20 - 40
Fasting Glucose (mg/dL)	96.0	70 - 99
Urea (mg/dL)	23.32	7 - 20
Creatinine (mg/dL)	1.21	0.74 - 1.35
Sodium (mmol/L)	136.71	135 - 145
Potassium (mmol/L)	3.71	3.5 - 5.1
ALT (U/L)	15.81	7 - 56
AST (U/L)	7.55	10 - 40

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