

# Medical Lab - Synthetic Blood Report

Report ID:	BR100768	Patient Name:	Sameer Reddy
Sex:	M	Age:	26
Report Date:	2025-04-18	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.26	13.5 - 17.5
RBC (10^6/μL)	5.13	4.3 - 5.9
WBC (10^3/μL)	14	4.5 - 11.0
Platelets (10^3/μL)	244	150 - 400
Hematocrit (%)	49.79	41 - 53
MCV (fL)	90.35	80 - 100
MCH (pg)	28.15	27 - 32
MCHC (g/dL)	34.65	32 - 36
Neutrophils (%)	44.26	40 - 70
Lymphocytes (%)	34.74	20 - 40
Fasting Glucose (mg/dL)	70.07	70 - 99
Urea (mg/dL)	18.81	7 - 20
Creatinine (mg/dL)	0.9	0.74 - 1.35
Sodium (mmol/L)	135.55	135 - 145
Potassium (mmol/L)	3.64	3.5 - 5.1
ALT (U/L)	33.24	7 - 56
AST (U/L)	30.24	10 - 40

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