

Medical Lab - Synthetic Blood Report

Report ID:	BR100529	Patient Name:	Siddharth Reddy
Sex:	M	Age:	59
Report Date:	2025-07-14	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.55	13.5 - 17.5
RBC (10^6/μL)	4.38	4.3 - 5.9
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	388	150 - 400
Hematocrit (%)	51.34	41 - 53
MCV (fL)	91.0	80 - 100
MCH (pg)	39.27	27 - 32
MCHC (g/dL)	35.83	32 - 36
Neutrophils (%)	42.29	40 - 70
Lymphocytes (%)	31.51	20 - 40
Fasting Glucose (mg/dL)	80.24	70 - 99
Urea (mg/dL)	14.17	7 - 20
Creatinine (mg/dL)	0.77	0.74 - 1.35
Sodium (mmol/L)	143.53	135 - 145
Potassium (mmol/L)	4.95	3.5 - 5.1
ALT (U/L)	36.48	7 - 56
AST (U/L)	38.04	10 - 40

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