

Medical Lab - Synthetic Blood Report

Report ID:	BR100666	Patient Name:	Siddharth Iyer
Sex:	M	Age:	78
Report Date:	2025-02-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	18.62	13.5 - 17.5
RBC (10 ⁶ /μL)	5.02	4.3 - 5.9
WBC (10 ³ /μL)	10	4.5 - 11.0
Platelets (10 ³ /μL)	359	150 - 400
Hematocrit (%)	47.28	41 - 53
MCV (fL)	100.01	80 - 100
MCH (pg)	28.87	27 - 32
MCHC (g/dL)	34.36	32 - 36
Neutrophils (%)	36.28	40 - 70
Lymphocytes (%)	36.38	20 - 40
Fasting Glucose (mg/dL)	49.47	70 - 99
Urea (mg/dL)	10.46	7 - 20
Creatinine (mg/dL)	1.21	0.74 - 1.35
Sodium (mmol/L)	135.24	135 - 145
Potassium (mmol/L)	6.15	3.5 - 5.1
ALT (U/L)	32.88	7 - 56
AST (U/L)	32.62	10 - 40

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