

# Medical Lab - Synthetic Blood Report

Report ID:	BR100326	Patient Name:	Siddharth Iyer
Sex:	M	Age:	41
Report Date:	2025-04-24	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.73	13.5 - 17.5
RBC (10^6/ $\mu$ L)	5.93	4.3 - 5.9
WBC (10^3/ $\mu$ L)	9	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	291	150 - 400
Hematocrit (%)	45.98	41 - 53
MCV (fL)	88.5	80 - 100
MCH (pg)	27.73	27 - 32
MCHC (g/dL)	34.72	32 - 36
Neutrophils (%)	68.55	40 - 70
Lymphocytes (%)	33.66	20 - 40
Fasting Glucose (mg/dL)	123.26	70 - 99
Urea (mg/dL)	11.02	7 - 20
Creatinine (mg/dL)	1.45	0.74 - 1.35
Sodium (mmol/L)	139.08	135 - 145
Potassium (mmol/L)	4.22	3.5 - 5.1
ALT (U/L)	49.57	7 - 56
AST (U/L)	31.1	10 - 40

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