

# Medical Lab - Synthetic Blood Report

Report ID:	BR100958	Patient Name:	Siddharth Mehta
Sex:	M	Age:	34
Report Date:	2025-06-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.87	13.5 - 17.5
RBC (10^6/μL)	5.47	4.3 - 5.9
WBC (10^3/μL)	5	4.5 - 11.0
Platelets (10^3/μL)	307	150 - 400
Hematocrit (%)	50.89	41 - 53
MCV (fL)	80.33	80 - 100
MCH (pg)	38.02	27 - 32
MCHC (g/dL)	32.75	32 - 36
Neutrophils (%)	64.54	40 - 70
Lymphocytes (%)	33.58	20 - 40
Fasting Glucose (mg/dL)	98.8	70 - 99
Urea (mg/dL)	11.87	7 - 20
Creatinine (mg/dL)	1.35	0.74 - 1.35
Sodium (mmol/L)	135.99	135 - 145
Potassium (mmol/L)	4.62	3.5 - 5.1
ALT (U/L)	5.93	7 - 56
AST (U/L)	21.58	10 - 40

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