

# Medical Lab - Synthetic Blood Report

Report ID:	BR100669	Patient Name:	Siddharth Mehta
Sex:	F	Age:	26
Report Date:	2024-10-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.85	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	4.23	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	9	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	244	150 - 400
Hematocrit (%)	44.27	36 - 46
MCV (fL)	80.28	80 - 100
MCH (pg)	30.84	27 - 32
MCHC (g/dL)	32.09	32 - 36
Neutrophils (%)	58.39	40 - 70
Lymphocytes (%)	32.66	20 - 40
Fasting Glucose (mg/dL)	90.65	70 - 99
Urea (mg/dL)	10.58	7 - 20
Creatinine (mg/dL)	1.0	0.59 - 1.04
Sodium (mmol/L)	140.15	135 - 145
Potassium (mmol/L)	4.7	3.5 - 5.1
ALT (U/L)	67.04	7 - 56
AST (U/L)	39.66	10 - 40

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