

# Medical Lab - Synthetic Blood Report

Report ID:	BR100694	Patient Name:	Sameer Patel
Sex:	M	Age:	25
Report Date:	2025-04-03	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.58	13.5 - 17.5
RBC (10^6/µL)	5.32	4.3 - 5.9
WBC (10^3/µL)	4	4.5 - 11.0
Platelets (10^3/µL)	159	150 - 400
Hematocrit (%)	42.93	41 - 53
MCV (fL)	57.78	80 - 100
MCH (pg)	28.88	27 - 32
MCHC (g/dL)	33.88	32 - 36
Neutrophils (%)	62.22	40 - 70
Lymphocytes (%)	37.29	20 - 40
Fasting Glucose (mg/dL)	83.37	70 - 99
Urea (mg/dL)	8.68	7 - 20
Creatinine (mg/dL)	1.13	0.74 - 1.35
Sodium (mmol/L)	143.37	135 - 145
Potassium (mmol/L)	4.3	3.5 - 5.1
ALT (U/L)	41.49	7 - 56
AST (U/L)	19.52	10 - 40

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