

# Medical Lab - Synthetic Blood Report

Report ID:	BR100382	Patient Name:	Sameer Nair
Sex:	M	Age:	40
Report Date:	2025-06-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.25	13.5 - 17.5
RBC (10^6/µL)	5.56	4.3 - 5.9
WBC (10^3/µL)	11	4.5 - 11.0
Platelets (10^3/µL)	236	150 - 400
Hematocrit (%)	44.63	41 - 53
MCV (fL)	99.37	80 - 100
MCH (pg)	29.77	27 - 32
MCHC (g/dL)	34.55	32 - 36
Neutrophils (%)	57.82	40 - 70
Lymphocytes (%)	20.17	20 - 40
Fasting Glucose (mg/dL)	89.93	70 - 99
Urea (mg/dL)	8.75	7 - 20
Creatinine (mg/dL)	0.94	0.74 - 1.35
Sodium (mmol/L)	140.05	135 - 145
Potassium (mmol/L)	3.95	3.5 - 5.1
ALT (U/L)	21.05	7 - 56
AST (U/L)	16.24	10 - 40

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