

# Medical Lab - Synthetic Blood Report

Report ID:	BR100348	Patient Name:	Sameer Nair
Sex:	M	Age:	54
Report Date:	2025-07-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.36	13.5 - 17.5
RBC (10^6/μL)	5.05	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	234	150 - 400
Hematocrit (%)	42.85	41 - 53
MCV (fL)	111.58	80 - 100
MCH (pg)	40.48	27 - 32
MCHC (g/dL)	32.36	32 - 36
Neutrophils (%)	54.76	40 - 70
Lymphocytes (%)	23.65	20 - 40
Fasting Glucose (mg/dL)	86.05	70 - 99
Urea (mg/dL)	13.27	7 - 20
Creatinine (mg/dL)	0.58	0.74 - 1.35
Sodium (mmol/L)	139.89	135 - 145
Potassium (mmol/L)	4.52	3.5 - 5.1
ALT (U/L)	36.43	7 - 56
AST (U/L)	16.5	10 - 40

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