

Medical Lab - Synthetic Blood Report

Report ID:	BR100539	Patient Name:	Sameer Jain
Sex:	M	Age:	59
Report Date:	2025-06-19	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.19	13.5 - 17.5
RBC (10^6/μL)	3.86	4.3 - 5.9
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	467	150 - 400
Hematocrit (%)	46.47	41 - 53
MCV (fL)	97.31	80 - 100
MCH (pg)	28.99	27 - 32
MCHC (g/dL)	34.4	32 - 36
Neutrophils (%)	62.54	40 - 70
Lymphocytes (%)	31.52	20 - 40
Fasting Glucose (mg/dL)	101.15	70 - 99
Urea (mg/dL)	15.68	7 - 20
Creatinine (mg/dL)	0.69	0.74 - 1.35
Sodium (mmol/L)	144.09	135 - 145
Potassium (mmol/L)	2.49	3.5 - 5.1
ALT (U/L)	32.7	7 - 56
AST (U/L)	10.98	10 - 40

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