

Medical Lab - Synthetic Blood Report

Report ID:	BR100434	Patient Name:	Sameer Verma
Sex:	F	Age:	45
Report Date:	2025-07-10	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.07	12.0 - 16.0
RBC (10^6/μL)	4.07	3.5 - 5.5
WBC (10^3/μL)	5	4.5 - 11.0
Platelets (10^3/μL)	161	150 - 400
Hematocrit (%)	36.91	36 - 46
MCV (fL)	91.54	80 - 100
MCH (pg)	31.97	27 - 32
MCHC (g/dL)	33.17	32 - 36
Neutrophils (%)	59.61	40 - 70
Lymphocytes (%)	29.75	20 - 40
Fasting Glucose (mg/dL)	92.36	70 - 99
Urea (mg/dL)	12.42	7 - 20
Creatinine (mg/dL)	0.64	0.59 - 1.04
Sodium (mmol/L)	144.51	135 - 145
Potassium (mmol/L)	3.86	3.5 - 5.1
ALT (U/L)	5.89	7 - 56
AST (U/L)	42.8	10 - 40

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