

Medical Lab - Synthetic Blood Report

Report ID:	BR100063	Patient Name:	Aman Iyer
Sex:	F	Age:	46
Report Date:	2025-06-17	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.28	12.0 - 16.0
RBC (10^6/µL)	5.48	3.5 - 5.5
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	311	150 - 400
Hematocrit (%)	37.5	36 - 46
MCV (fL)	90.5	80 - 100
MCH (pg)	28.58	27 - 32
MCHC (g/dL)	34.36	32 - 36
Neutrophils (%)	53.31	40 - 70
Lymphocytes (%)	33.23	20 - 40
Fasting Glucose (mg/dL)	84.04	70 - 99
Urea (mg/dL)	8.16	7 - 20
Creatinine (mg/dL)	0.63	0.59 - 1.04
Sodium (mmol/L)	142.0	135 - 145
Potassium (mmol/L)	4.69	3.5 - 5.1
ALT (U/L)	5.54	7 - 56
AST (U/L)	12.51	10 - 40

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