

Medical Lab - Synthetic Blood Report

Report ID:	BR100275	Patient Name:	Karan Iyer
Sex:	F	Age:	59
Report Date:	2025-07-11	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.6	12.0 - 16.0
RBC (10^6/µL)	3.51	3.5 - 5.5
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	150	150 - 400
Hematocrit (%)	45.39	36 - 46
MCV (fL)	72.81	80 - 100
MCH (pg)	27.18	27 - 32
MCHC (g/dL)	33.29	32 - 36
Neutrophils (%)	45.03	40 - 70
Lymphocytes (%)	37.75	20 - 40
Fasting Glucose (mg/dL)	50.1	70 - 99
Urea (mg/dL)	12.33	7 - 20
Creatinine (mg/dL)	0.86	0.59 - 1.04
Sodium (mmol/L)	139.24	135 - 145
Potassium (mmol/L)	3.79	3.5 - 5.1
ALT (U/L)	44.57	7 - 56
AST (U/L)	16.1	10 - 40

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