

Medical Lab - Synthetic Blood Report

Report ID:	BR100145	Patient Name:	Riya Malhotra
Sex:	M	Age:	73
Report Date:	2025-07-17	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.87	13.5 - 17.5
RBC (10^6/µL)	5.0	4.3 - 5.9
WBC (10^3/µL)	12	4.5 - 11.0
Platelets (10^3/µL)	154	150 - 400
Hematocrit (%)	43.21	41 - 53
MCV (fL)	87.58	80 - 100
MCH (pg)	27.42	27 - 32
MCHC (g/dL)	34.46	32 - 36
Neutrophils (%)	57.07	40 - 70
Lymphocytes (%)	37.94	20 - 40
Fasting Glucose (mg/dL)	85.46	70 - 99
Urea (mg/dL)	24.79	7 - 20
Creatinine (mg/dL)	0.76	0.74 - 1.35
Sodium (mmol/L)	142.31	135 - 145
Potassium (mmol/L)	3.69	3.5 - 5.1
ALT (U/L)	40.51	7 - 56
AST (U/L)	17.49	10 - 40

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