

# Medical Lab - Synthetic Blood Report

Report ID:	BR100700	Patient Name:	Arjun Malhotra
Sex:	F	Age:	59
Report Date:	2025-07-20	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.23	12.0 - 16.0
RBC (10^6/µL)	5.08	3.5 - 5.5
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	336	150 - 400
Hematocrit (%)	41.23	36 - 46
MCV (fL)	84.86	80 - 100
MCH (pg)	30.1	27 - 32
MCHC (g/dL)	34.2	32 - 36
Neutrophils (%)	62.74	40 - 70
Lymphocytes (%)	35.49	20 - 40
Fasting Glucose (mg/dL)	84.68	70 - 99
Urea (mg/dL)	17.82	7 - 20
Creatinine (mg/dL)	0.99	0.59 - 1.04
Sodium (mmol/L)	144.32	135 - 145
Potassium (mmol/L)	3.56	3.5 - 5.1
ALT (U/L)	44.77	7 - 56
AST (U/L)	27.2	10 - 40

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