

# Medical Lab - Synthetic Blood Report

Report ID:	BR100996	Patient Name:	Arjun Malhotra
Sex:	F	Age:	30
Report Date:	2025-02-24	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.33	12.0 - 16.0
RBC (10^6/μL)	5.32	3.5 - 5.5
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	142	150 - 400
Hematocrit (%)	44.77	36 - 46
MCV (fL)	76.57	80 - 100
MCH (pg)	30.73	27 - 32
MCHC (g/dL)	33.69	32 - 36
Neutrophils (%)	53.45	40 - 70
Lymphocytes (%)	37.91	20 - 40
Fasting Glucose (mg/dL)	88.24	70 - 99
Urea (mg/dL)	21.74	7 - 20
Creatinine (mg/dL)	0.83	0.59 - 1.04
Sodium (mmol/L)	141.28	135 - 145
Potassium (mmol/L)	2.51	3.5 - 5.1
ALT (U/L)	48.32	7 - 56
AST (U/L)	20.99	10 - 40

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