

Medical Lab - Synthetic Blood Report

Report ID:	BR100184	Patient Name:	Arjun Malhotra
Sex:	F	Age:	47
Report Date:	2025-08-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.37	12.0 - 16.0
RBC (10^6/ μ L)	5.34	3.5 - 5.5
WBC (10^3/ μ L)	6	4.5 - 11.0
Platelets (10^3/ μ L)	233	150 - 400
Hematocrit (%)	39.47	36 - 46
MCV (fL)	84.49	80 - 100
MCH (pg)	30.38	27 - 32
MCHC (g/dL)	33.25	32 - 36
Neutrophils (%)	50.17	40 - 70
Lymphocytes (%)	25.56	20 - 40
Fasting Glucose (mg/dL)	84.37	70 - 99
Urea (mg/dL)	18.47	7 - 20
Creatinine (mg/dL)	1.33	0.59 - 1.04
Sodium (mmol/L)	139.72	135 - 145
Potassium (mmol/L)	3.56	3.5 - 5.1
ALT (U/L)	40.57	7 - 56
AST (U/L)	10.67	10 - 40

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