

Medical Lab - Synthetic Blood Report

Report ID:	BR100864	Patient Name:	Arjun Jain
Sex:	F	Age:	45
Report Date:	2025-06-02	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.11	12.0 - 16.0
RBC (10^6/µL)	3.96	3.5 - 5.5
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	255	150 - 400
Hematocrit (%)	40.8	36 - 46
MCV (fL)	81.12	80 - 100
MCH (pg)	29.09	27 - 32
MCHC (g/dL)	35.25	32 - 36
Neutrophils (%)	53.99	40 - 70
Lymphocytes (%)	19.44	20 - 40
Fasting Glucose (mg/dL)	70.01	70 - 99
Urea (mg/dL)	18.53	7 - 20
Creatinine (mg/dL)	0.6	0.59 - 1.04
Sodium (mmol/L)	137.12	135 - 145
Potassium (mmol/L)	4.77	3.5 - 5.1
ALT (U/L)	5.29	7 - 56
AST (U/L)	21.98	10 - 40

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