

Medical Lab - Synthetic Blood Report

Report ID:	BR100122	Patient Name:	Arjun Desai
Sex:	F	Age:	30
Report Date:	2025-06-03	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.97	12.0 - 16.0
RBC (10^6/μL)	3.65	3.5 - 5.5
WBC (10^3/μL)	4	4.5 - 11.0
Platelets (10^3/μL)	450	150 - 400
Hematocrit (%)	33.38	36 - 46
MCV (fL)	87.36	80 - 100
MCH (pg)	23.17	27 - 32
MCHC (g/dL)	34.15	32 - 36
Neutrophils (%)	85.97	40 - 70
Lymphocytes (%)	38.82	20 - 40
Fasting Glucose (mg/dL)	61.41	70 - 99
Urea (mg/dL)	7.32	7 - 20
Creatinine (mg/dL)	1.0	0.59 - 1.04
Sodium (mmol/L)	137.01	135 - 145
Potassium (mmol/L)	4.64	3.5 - 5.1
ALT (U/L)	27.22	7 - 56
AST (U/L)	12.79	10 - 40

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