

Medical Lab - Synthetic Blood Report

Report ID:	BR100967	Patient Name:	Arjun Desai
Sex:	F	Age:	18
Report Date:	2025-03-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	19.96	12.0 - 16.0
RBC (10^6/µL)	3.67	3.5 - 5.5
WBC (10^3/µL)	3	4.5 - 11.0
Platelets (10^3/µL)	219	150 - 400
Hematocrit (%)	40.57	36 - 46
MCV (fL)	91.72	80 - 100
MCH (pg)	22.7	27 - 32
MCHC (g/dL)	22.8	32 - 36
Neutrophils (%)	58.82	40 - 70
Lymphocytes (%)	35.43	20 - 40
Fasting Glucose (mg/dL)	85.58	70 - 99
Urea (mg/dL)	19.06	7 - 20
Creatinine (mg/dL)	0.65	0.59 - 1.04
Sodium (mmol/L)	139.74	135 - 145
Potassium (mmol/L)	4.18	3.5 - 5.1
ALT (U/L)	40.5	7 - 56
AST (U/L)	33.96	10 - 40

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