

Medical Lab - Synthetic Blood Report

Report ID:	BR100455	Patient Name:	Arjun Patel
Sex:	F	Age:	61
Report Date:	2025-05-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.88	12.0 - 16.0
RBC (10^6/μL)	3.93	3.5 - 5.5
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	287	150 - 400
Hematocrit (%)	43.56	36 - 46
MCV (fL)	120.83	80 - 100
MCH (pg)	29.8	27 - 32
MCHC (g/dL)	33.56	32 - 36
Neutrophils (%)	52.02	40 - 70
Lymphocytes (%)	32.07	20 - 40
Fasting Glucose (mg/dL)	72.46	70 - 99
Urea (mg/dL)	16.57	7 - 20
Creatinine (mg/dL)	0.82	0.59 - 1.04
Sodium (mmol/L)	138.0	135 - 145
Potassium (mmol/L)	5.05	3.5 - 5.1
ALT (U/L)	4.97	7 - 56
AST (U/L)	8.63	10 - 40

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