

# Medical Lab - Synthetic Blood Report

Report ID:	BR100206	Patient Name:	Arjun Jain
Sex:	M	Age:	41
Report Date:	2025-08-24	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.67	13.5 - 17.5
RBC (10^6/μL)	5.35	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	213	150 - 400
Hematocrit (%)	52.0	41 - 53
MCV (fL)	81.89	80 - 100
MCH (pg)	31.23	27 - 32
MCHC (g/dL)	34.29	32 - 36
Neutrophils (%)	41.53	40 - 70
Lymphocytes (%)	31.47	20 - 40
Fasting Glucose (mg/dL)	97.4	70 - 99
Urea (mg/dL)	8.6	7 - 20
Creatinine (mg/dL)	1.16	0.74 - 1.35
Sodium (mmol/L)	137.78	135 - 145
Potassium (mmol/L)	3.94	3.5 - 5.1
ALT (U/L)	27.96	7 - 56
AST (U/L)	13.72	10 - 40

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