

# Medical Lab - Synthetic Blood Report

Report ID:	BR100888	Patient Name:	Arjun Patel
Sex:	M	Age:	19
Report Date:	2025-09-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	20.6	13.5 - 17.5
RBC (10^6/µL)	3.17	4.3 - 5.9
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	152	150 - 400
Hematocrit (%)	35.7	41 - 53
MCV (fL)	94.66	80 - 100
MCH (pg)	34.66	27 - 32
MCHC (g/dL)	32.7	32 - 36
Neutrophils (%)	42.1	40 - 70
Lymphocytes (%)	29.95	20 - 40
Fasting Glucose (mg/dL)	71.84	70 - 99
Urea (mg/dL)	13.32	7 - 20
Creatinine (mg/dL)	1.17	0.74 - 1.35
Sodium (mmol/L)	142.42	135 - 145
Potassium (mmol/L)	4.27	3.5 - 5.1
ALT (U/L)	10.59	7 - 56
AST (U/L)	32.65	10 - 40

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