

# Medical Lab - Synthetic Blood Report

Report ID:	BR100423	Patient Name:	Isha Desai
Sex:	M	Age:	21
Report Date:	2025-04-03	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.69	13.5 - 17.5
RBC (10^6/μL)	5.86	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	378	150 - 400
Hematocrit (%)	39.49	41 - 53
MCV (fL)	94.62	80 - 100
MCH (pg)	31.58	27 - 32
MCHC (g/dL)	34.13	32 - 36
Neutrophils (%)	61.3	40 - 70
Lymphocytes (%)	36.11	20 - 40
Fasting Glucose (mg/dL)	72.46	70 - 99
Urea (mg/dL)	13.6	7 - 20
Creatinine (mg/dL)	0.91	0.74 - 1.35
Sodium (mmol/L)	136.55	135 - 145
Potassium (mmol/L)	4.86	3.5 - 5.1
ALT (U/L)	28.52	7 - 56
AST (U/L)	36.8	10 - 40

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