

# Medical Lab - Synthetic Blood Report

Report ID:	BR100704	Patient Name:	Isha Jain
Sex:	M	Age:	56
Report Date:	2025-05-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.14	13.5 - 17.5
RBC (10^6/μL)	4.54	4.3 - 5.9
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	288	150 - 400
Hematocrit (%)	48.93	41 - 53
MCV (fL)	95.89	80 - 100
MCH (pg)	30.43	27 - 32
MCHC (g/dL)	35.03	32 - 36
Neutrophils (%)	67.47	40 - 70
Lymphocytes (%)	32.83	20 - 40
Fasting Glucose (mg/dL)	72.9	70 - 99
Urea (mg/dL)	14.76	7 - 20
Creatinine (mg/dL)	1.7	0.74 - 1.35
Sodium (mmol/L)	136.84	135 - 145
Potassium (mmol/L)	4.13	3.5 - 5.1
ALT (U/L)	25.05	7 - 56
AST (U/L)	9.5	10 - 40

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