

Medical Lab - Synthetic Blood Report

Report ID:	BR100980	Patient Name:	Riya Jain
Sex:	F	Age:	44
Report Date:	2025-08-14	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.22	12.0 - 16.0
RBC (10^6/µL)	4.71	3.5 - 5.5
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	391	150 - 400
Hematocrit (%)	37.08	36 - 46
MCV (fL)	85.05	80 - 100
MCH (pg)	30.05	27 - 32
MCHC (g/dL)	34.2	32 - 36
Neutrophils (%)	48.2	40 - 70
Lymphocytes (%)	14.01	20 - 40
Fasting Glucose (mg/dL)	93.52	70 - 99
Urea (mg/dL)	7.61	7 - 20
Creatinine (mg/dL)	0.97	0.59 - 1.04
Sodium (mmol/L)	143.33	135 - 145
Potassium (mmol/L)	4.76	3.5 - 5.1
ALT (U/L)	48.57	7 - 56
AST (U/L)	35.6	10 - 40

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