

Medical Lab - Synthetic Blood Report

Report ID:	BR100586	Patient Name:	Riya Iyer
Sex:	F	Age:	19
Report Date:	2025-02-28	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.4	12.0 - 16.0
RBC (10^6/µL)	4.2	3.5 - 5.5
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	226	150 - 400
Hematocrit (%)	40.69	36 - 46
MCV (fL)	84.05	80 - 100
MCH (pg)	28.73	27 - 32
MCHC (g/dL)	35.07	32 - 36
Neutrophils (%)	55.82	40 - 70
Lymphocytes (%)	36.71	20 - 40
Fasting Glucose (mg/dL)	98.15	70 - 99
Urea (mg/dL)	19.98	7 - 20
Creatinine (mg/dL)	0.99	0.59 - 1.04
Sodium (mmol/L)	138.05	135 - 145
Potassium (mmol/L)	5.03	3.5 - 5.1
ALT (U/L)	14.11	7 - 56
AST (U/L)	17.56	10 - 40

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