

Medical Lab - Synthetic Blood Report

Report ID:	BR100895	Patient Name:	Riya Reddy
Sex:	M	Age:	20
Report Date:	2025-01-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.29	13.5 - 17.5
RBC (10^6/μL)	5.78	4.3 - 5.9
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	112	150 - 400
Hematocrit (%)	43.15	41 - 53
MCV (fL)	85.74	80 - 100
MCH (pg)	23.19	27 - 32
MCHC (g/dL)	45.38	32 - 36
Neutrophils (%)	44.32	40 - 70
Lymphocytes (%)	21.82	20 - 40
Fasting Glucose (mg/dL)	113.11	70 - 99
Urea (mg/dL)	9.5	7 - 20
Creatinine (mg/dL)	1.15	0.74 - 1.35
Sodium (mmol/L)	137.43	135 - 145
Potassium (mmol/L)	3.83	3.5 - 5.1
ALT (U/L)	28.25	7 - 56
AST (U/L)	23.32	10 - 40

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