

# Medical Lab - Synthetic Blood Report

Report ID:	BR100741	Patient Name:	Riya Joshi
Sex:	F	Age:	15
Report Date:	2025-07-25	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.73	12.0 - 16.0
RBC (10^6/μL)	4.19	3.5 - 5.5
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	262	150 - 400
Hematocrit (%)	43.18	36 - 46
MCV (fL)	85.19	80 - 100
MCH (pg)	29.64	27 - 32
MCHC (g/dL)	35.23	32 - 36
Neutrophils (%)	50.15	40 - 70
Lymphocytes (%)	31.93	20 - 40
Fasting Glucose (mg/dL)	78.4	70 - 99
Urea (mg/dL)	14.32	7 - 20
Creatinine (mg/dL)	1.32	0.59 - 1.04
Sodium (mmol/L)	144.46	135 - 145
Potassium (mmol/L)	4.33	3.5 - 5.1
ALT (U/L)	22.31	7 - 56
AST (U/L)	14.75	10 - 40

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