

Medical Lab - Synthetic Blood Report

Report ID:	BR100570	Patient Name:	Riya Joshi
Sex:	M	Age:	12
Report Date:	2025-09-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.11	13.5 - 17.5
RBC (10 ⁶ /μL)	5.48	4.3 - 5.9
WBC (10 ³ /μL)	10	4.5 - 11.0
Platelets (10 ³ /μL)	230	150 - 400
Hematocrit (%)	48.14	41 - 53
MCV (fL)	71.23	80 - 100
MCH (pg)	29.03	27 - 32
MCHC (g/dL)	34.77	32 - 36
Neutrophils (%)	62.8	40 - 70
Lymphocytes (%)	31.34	20 - 40
Fasting Glucose (mg/dL)	86.78	70 - 99
Urea (mg/dL)	12.78	7 - 20
Creatinine (mg/dL)	1.13	0.74 - 1.35
Sodium (mmol/L)	138.98	135 - 145
Potassium (mmol/L)	5.06	3.5 - 5.1
ALT (U/L)	42.16	7 - 56
AST (U/L)	45.76	10 - 40

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