

Medical Lab - Synthetic Blood Report

Report ID:	BR100562	Patient Name:	Isha Thomas
Sex:	F	Age:	15
Report Date:	2025-06-02	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.5	12.0 - 16.0
RBC (10^6/μL)	4.92	3.5 - 5.5
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	245	150 - 400
Hematocrit (%)	42.27	36 - 46
MCV (fL)	82.17	80 - 100
MCH (pg)	30.97	27 - 32
MCHC (g/dL)	32.2	32 - 36
Neutrophils (%)	60.95	40 - 70
Lymphocytes (%)	18.83	20 - 40
Fasting Glucose (mg/dL)	66.9	70 - 99
Urea (mg/dL)	19.42	7 - 20
Creatinine (mg/dL)	0.71	0.59 - 1.04
Sodium (mmol/L)	144.56	135 - 145
Potassium (mmol/L)	4.5	3.5 - 5.1
ALT (U/L)	9.84	7 - 56
AST (U/L)	22.18	10 - 40

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