

Medical Lab - Synthetic Blood Report

Report ID:	BR100927	Patient Name:	Isha Thomas
Sex:	M	Age:	12
Report Date:	2024-10-27	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.97	13.5 - 17.5
RBC (10^6/µL)	4.32	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	233	150 - 400
Hematocrit (%)	46.08	41 - 53
MCV (fL)	67.49	80 - 100
MCH (pg)	28.58	27 - 32
MCHC (g/dL)	32.01	32 - 36
Neutrophils (%)	40.09	40 - 70
Lymphocytes (%)	38.28	20 - 40
Fasting Glucose (mg/dL)	123.73	70 - 99
Urea (mg/dL)	6.64	7 - 20
Creatinine (mg/dL)	1.11	0.74 - 1.35
Sodium (mmol/L)	135.24	135 - 145
Potassium (mmol/L)	4.6	3.5 - 5.1
ALT (U/L)	32.78	7 - 56
AST (U/L)	9.14	10 - 40

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