

Medical Lab - Synthetic Blood Report

Report ID:	BR100643	Patient Name:	Karan Thomas
Sex:	M	Age:	13
Report Date:	2025-06-19	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.92	13.5 - 17.5
RBC (10^6/µL)	5.5	4.3 - 5.9
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	189	150 - 400
Hematocrit (%)	42.33	41 - 53
MCV (fL)	97.77	80 - 100
MCH (pg)	29.75	27 - 32
MCHC (g/dL)	34.77	32 - 36
Neutrophils (%)	51.44	40 - 70
Lymphocytes (%)	38.25	20 - 40
Fasting Glucose (mg/dL)	56.6	70 - 99
Urea (mg/dL)	19.62	7 - 20
Creatinine (mg/dL)	0.92	0.74 - 1.35
Sodium (mmol/L)	143.4	135 - 145
Potassium (mmol/L)	2.82	3.5 - 5.1
ALT (U/L)	15.53	7 - 56
AST (U/L)	30.45	10 - 40

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