

Medical Lab - Synthetic Blood Report

Report ID:	BR100858	Patient Name:	Sameer Thomas
Sex:	M	Age:	11
Report Date:	2025-01-20	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.63	13.5 - 17.5
RBC (10^6/µL)	4.4	4.3 - 5.9
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	173	150 - 400
Hematocrit (%)	49.92	41 - 53
MCV (fL)	94.55	80 - 100
MCH (pg)	28.88	27 - 32
MCHC (g/dL)	35.84	32 - 36
Neutrophils (%)	72.9	40 - 70
Lymphocytes (%)	38.29	20 - 40
Fasting Glucose (mg/dL)	72.77	70 - 99
Urea (mg/dL)	13.42	7 - 20
Creatinine (mg/dL)	1.15	0.74 - 1.35
Sodium (mmol/L)	144.0	135 - 145
Potassium (mmol/L)	3.31	3.5 - 5.1
ALT (U/L)	27.29	7 - 56
AST (U/L)	10.79	10 - 40

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