

Medical Lab - Synthetic Blood Report

Report ID:	BR100316	Patient Name:	Anita Thomas
Sex:	M	Age:	9
Report Date:	2025-07-04	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.97	13.5 - 17.5
RBC (10^6/μL)	4.63	4.3 - 5.9
WBC (10^3/μL)	11	4.5 - 11.0
Platelets (10^3/μL)	228	150 - 400
Hematocrit (%)	43.65	41 - 53
MCV (fL)	81.08	80 - 100
MCH (pg)	21.09	27 - 32
MCHC (g/dL)	28.29	32 - 36
Neutrophils (%)	59.85	40 - 70
Lymphocytes (%)	30.68	20 - 40
Fasting Glucose (mg/dL)	72.39	70 - 99
Urea (mg/dL)	21.79	7 - 20
Creatinine (mg/dL)	0.9	0.74 - 1.35
Sodium (mmol/L)	140.57	135 - 145
Potassium (mmol/L)	3.13	3.5 - 5.1
ALT (U/L)	7.24	7 - 56
AST (U/L)	25.58	10 - 40

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