

Medical Lab - Synthetic Blood Report

Report ID:	BR100018	Patient Name:	Asha Thomas
Sex:	M	Age:	3
Report Date:	2025-09-05	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.19	13.5 - 17.5
RBC (10^6/μL)	4.88	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	507	150 - 400
Hematocrit (%)	65.47	41 - 53
MCV (fL)	88.51	80 - 100
MCH (pg)	29.59	27 - 32
MCHC (g/dL)	30.7	32 - 36
Neutrophils (%)	49.06	40 - 70
Lymphocytes (%)	51.87	20 - 40
Fasting Glucose (mg/dL)	90.48	70 - 99
Urea (mg/dL)	18.17	7 - 20
Creatinine (mg/dL)	1.0	0.74 - 1.35
Sodium (mmol/L)	142.69	135 - 145
Potassium (mmol/L)	5.79	3.5 - 5.1
ALT (U/L)	50.48	7 - 56
AST (U/L)	36.62	10 - 40

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