

Medical Lab - Synthetic Blood Report

Report ID:	BR100201	Patient Name:	Asha Nair
Sex:	M	Age:	8
Report Date:	2024-12-25	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.18	13.5 - 17.5
RBC (10^6/µL)	4.67	4.3 - 5.9
WBC (10^3/µL)	13	4.5 - 11.0
Platelets (10^3/µL)	255	150 - 400
Hematocrit (%)	47.93	41 - 53
MCV (fL)	85.97	80 - 100
MCH (pg)	30.52	27 - 32
MCHC (g/dL)	35.64	32 - 36
Neutrophils (%)	47.4	40 - 70
Lymphocytes (%)	23.73	20 - 40
Fasting Glucose (mg/dL)	75.42	70 - 99
Urea (mg/dL)	18.84	7 - 20
Creatinine (mg/dL)	0.75	0.74 - 1.35
Sodium (mmol/L)	144.05	135 - 145
Potassium (mmol/L)	4.11	3.5 - 5.1
ALT (U/L)	33.46	7 - 56
AST (U/L)	30.26	10 - 40

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