

# Medical Lab - Synthetic Blood Report

Report ID:	BR100898	Patient Name:	Amit Reddy
Sex:	M	Age:	9
Report Date:	2025-07-12	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.7	13.5 - 17.5
RBC (10^6/µL)	4.91	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	302	150 - 400
Hematocrit (%)	52.4	41 - 53
MCV (fL)	84.49	80 - 100
MCH (pg)	28.25	27 - 32
MCHC (g/dL)	24.49	32 - 36
Neutrophils (%)	65.81	40 - 70
Lymphocytes (%)	29.99	20 - 40
Fasting Glucose (mg/dL)	72.01	70 - 99
Urea (mg/dL)	7.46	7 - 20
Creatinine (mg/dL)	0.86	0.74 - 1.35
Sodium (mmol/L)	136.92	135 - 145
Potassium (mmol/L)	5.02	3.5 - 5.1
ALT (U/L)	17.15	7 - 56
AST (U/L)	38.91	10 - 40

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