

Medical Lab - Synthetic Blood Report

Report ID:	BR100625	Patient Name:	Amit Reddy
Sex:	M	Age:	4
Report Date:	2025-04-30	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.78	13.5 - 17.5
RBC (10 ⁶ /μL)	5.39	4.3 - 5.9
WBC (10 ³ /μL)	6	4.5 - 11.0
Platelets (10 ³ /μL)	183	150 - 400
Hematocrit (%)	46.86	41 - 53
MCV (fL)	92.13	80 - 100
MCH (pg)	30.89	27 - 32
MCHC (g/dL)	32.08	32 - 36
Neutrophils (%)	64.01	40 - 70
Lymphocytes (%)	33.7	20 - 40
Fasting Glucose (mg/dL)	96.58	70 - 99
Urea (mg/dL)	24.8	7 - 20
Creatinine (mg/dL)	0.81	0.74 - 1.35
Sodium (mmol/L)	142.92	135 - 145
Potassium (mmol/L)	4.63	3.5 - 5.1
ALT (U/L)	46.0	7 - 56
AST (U/L)	29.54	10 - 40

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