

# Medical Lab - Synthetic Blood Report

Report ID:	BR100127	Patient Name:	Nikhil Reddy
Sex:	M	Age:	13
Report Date:	2024-10-31	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.22	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	4.72	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	4	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	347	150 - 400
Hematocrit (%)	51.73	41 - 53
MCV (fL)	82.9	80 - 100
MCH (pg)	40.98	27 - 32
MCHC (g/dL)	34.11	32 - 36
Neutrophils (%)	47.99	40 - 70
Lymphocytes (%)	31.0	20 - 40
Fasting Glucose (mg/dL)	73.96	70 - 99
Urea (mg/dL)	17.08	7 - 20
Creatinine (mg/dL)	1.2	0.74 - 1.35
Sodium (mmol/L)	143.85	135 - 145
Potassium (mmol/L)	4.58	3.5 - 5.1
ALT (U/L)	9.84	7 - 56
AST (U/L)	30.73	10 - 40

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