

Medical Lab - Synthetic Blood Report

Report ID:	BR100583	Patient Name:	Vikram Kumar
Sex:	M	Age:	13
Report Date:	2025-08-29	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	21.84	13.5 - 17.5
RBC (10^6/µL)	4.31	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	168	150 - 400
Hematocrit (%)	48.07	41 - 53
MCV (fL)	85.47	80 - 100
MCH (pg)	28.0	27 - 32
MCHC (g/dL)	35.22	32 - 36
Neutrophils (%)	59.96	40 - 70
Lymphocytes (%)	36.92	20 - 40
Fasting Glucose (mg/dL)	88.98	70 - 99
Urea (mg/dL)	17.34	7 - 20
Creatinine (mg/dL)	1.18	0.74 - 1.35
Sodium (mmol/L)	140.78	135 - 145
Potassium (mmol/L)	5.04	3.5 - 5.1
ALT (U/L)	5.92	7 - 56
AST (U/L)	16.29	10 - 40

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