

# Medical Lab - Synthetic Blood Report

Report ID:	BR100039	Patient Name:	Nikhil Bose
Sex:	M	Age:	8
Report Date:	2025-04-21	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.29	13.5 - 17.5
RBC (10^6/µL)	6.07	4.3 - 5.9
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	395	150 - 400
Hematocrit (%)	60.84	41 - 53
MCV (fL)	92.1	80 - 100
MCH (pg)	28.87	27 - 32
MCHC (g/dL)	32.03	32 - 36
Neutrophils (%)	44.52	40 - 70
Lymphocytes (%)	35.21	20 - 40
Fasting Glucose (mg/dL)	89.37	70 - 99
Urea (mg/dL)	9.19	7 - 20
Creatinine (mg/dL)	0.8	0.74 - 1.35
Sodium (mmol/L)	144.63	135 - 145
Potassium (mmol/L)	4.96	3.5 - 5.1
ALT (U/L)	16.1	7 - 56
AST (U/L)	21.01	10 - 40

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