

Medical Lab - Synthetic Blood Report

Report ID:	BR100321	Patient Name:	Karan Bose
Sex:	F	Age:	13
Report Date:	2025-08-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.12	12.0 - 16.0
RBC (10 ⁶ /μL)	4.25	3.5 - 5.5
WBC (10 ³ /μL)	5	4.5 - 11.0
Platelets (10 ³ /μL)	129	150 - 400
Hematocrit (%)	38.61	36 - 46
MCV (fL)	89.85	80 - 100
MCH (pg)	37.74	27 - 32
MCHC (g/dL)	39.43	32 - 36
Neutrophils (%)	35.56	40 - 70
Lymphocytes (%)	26.68	20 - 40
Fasting Glucose (mg/dL)	81.12	70 - 99
Urea (mg/dL)	12.3	7 - 20
Creatinine (mg/dL)	0.59	0.59 - 1.04
Sodium (mmol/L)	140.45	135 - 145
Potassium (mmol/L)	3.85	3.5 - 5.1
ALT (U/L)	5.46	7 - 56
AST (U/L)	33.16	10 - 40

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