

Medical Lab - Synthetic Blood Report

Report ID:	BR100955	Patient Name:	Karan Kumar
Sex:	F	Age:	12
Report Date:	2025-03-22	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.34	12.0 - 16.0
RBC (10^6/µL)	3.94	3.5 - 5.5
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	272	150 - 400
Hematocrit (%)	45.82	36 - 46
MCV (fL)	83.48	80 - 100
MCH (pg)	37.55	27 - 32
MCHC (g/dL)	41.01	32 - 36
Neutrophils (%)	56.84	40 - 70
Lymphocytes (%)	30.37	20 - 40
Fasting Glucose (mg/dL)	77.0	70 - 99
Urea (mg/dL)	14.21	7 - 20
Creatinine (mg/dL)	1.02	0.59 - 1.04
Sodium (mmol/L)	138.24	135 - 145
Potassium (mmol/L)	4.05	3.5 - 5.1
ALT (U/L)	28.88	7 - 56
AST (U/L)	39.7	10 - 40

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