

Medical Lab - Synthetic Blood Report

Report ID:	BR100431	Patient Name:	Karan Singh
Sex:	F	Age:	6
Report Date:	2025-02-22	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.04	12.0 - 16.0
RBC (10^6/ μ L)	4.19	3.5 - 5.5
WBC (10^3/ μ L)	11	4.5 - 11.0
Platelets (10^3/ μ L)	216	150 - 400
Hematocrit (%)	37.21	36 - 46
MCV (fL)	96.22	80 - 100
MCH (pg)	30.04	27 - 32
MCHC (g/dL)	34.63	32 - 36
Neutrophils (%)	47.66	40 - 70
Lymphocytes (%)	23.33	20 - 40
Fasting Glucose (mg/dL)	74.87	70 - 99
Urea (mg/dL)	8.47	7 - 20
Creatinine (mg/dL)	0.42	0.59 - 1.04
Sodium (mmol/L)	136.82	135 - 145
Potassium (mmol/L)	3.23	3.5 - 5.1
ALT (U/L)	21.95	7 - 56
AST (U/L)	36.99	10 - 40

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