

Medical Lab - Synthetic Blood Report

Report ID:	BR100417	Patient Name:	Karan Sharma
Sex:	M	Age:	5
Report Date:	2025-01-16	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.19	13.5 - 17.5
RBC (10^6/µL)	3.66	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	211	150 - 400
Hematocrit (%)	43.24	41 - 53
MCV (fL)	74.49	80 - 100
MCH (pg)	27.54	27 - 32
MCHC (g/dL)	33.44	32 - 36
Neutrophils (%)	49.08	40 - 70
Lymphocytes (%)	20.49	20 - 40
Fasting Glucose (mg/dL)	109.99	70 - 99
Urea (mg/dL)	11.81	7 - 20
Creatinine (mg/dL)	0.78	0.74 - 1.35
Sodium (mmol/L)	143.56	135 - 145
Potassium (mmol/L)	4.28	3.5 - 5.1
ALT (U/L)	18.84	7 - 56
AST (U/L)	39.47	10 - 40

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