

# Medical Lab - Synthetic Blood Report

Report ID:	BR100246	Patient Name:	Karan Khan
Sex:	M	Age:	9
Report Date:	2025-08-21	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.74	13.5 - 17.5
RBC (10^6/µL)	6.04	4.3 - 5.9
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	155	150 - 400
Hematocrit (%)	48.23	41 - 53
MCV (fL)	84.6	80 - 100
MCH (pg)	28.68	27 - 32
MCHC (g/dL)	33.5	32 - 36
Neutrophils (%)	68.53	40 - 70
Lymphocytes (%)	24.89	20 - 40
Fasting Glucose (mg/dL)	79.1	70 - 99
Urea (mg/dL)	8.66	7 - 20
Creatinine (mg/dL)	1.09	0.74 - 1.35
Sodium (mmol/L)	141.48	135 - 145
Potassium (mmol/L)	3.28	3.5 - 5.1
ALT (U/L)	53.56	7 - 56
AST (U/L)	13.57	10 - 40

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