

# Medical Lab - Synthetic Blood Report

Report ID:	BR100117	Patient Name:	Karan Kumar
Sex:	M	Age:	1
Report Date:	2025-02-10	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.71	13.5 - 17.5
RBC (10^6/μL)	5.61	4.3 - 5.9
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	179	150 - 400
Hematocrit (%)	46.09	41 - 53
MCV (fL)	83.79	80 - 100
MCH (pg)	27.81	27 - 32
MCHC (g/dL)	33.43	32 - 36
Neutrophils (%)	62.25	40 - 70
Lymphocytes (%)	34.53	20 - 40
Fasting Glucose (mg/dL)	73.44	70 - 99
Urea (mg/dL)	19.51	7 - 20
Creatinine (mg/dL)	0.76	0.74 - 1.35
Sodium (mmol/L)	136.05	135 - 145
Potassium (mmol/L)	3.94	3.5 - 5.1
ALT (U/L)	11.71	7 - 56
AST (U/L)	24.02	10 - 40

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