

# Medical Lab - Synthetic Blood Report

Report ID:	BR100317	Patient Name:	Karan Kumar
Sex:	M	Age:	50
Report Date:	2024-10-29	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.21	13.5 - 17.5
RBC (10^6/µL)	4.84	4.3 - 5.9
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	261	150 - 400
Hematocrit (%)	44.15	41 - 53
MCV (fL)	106.45	80 - 100
MCH (pg)	30.36	27 - 32
MCHC (g/dL)	34.88	32 - 36
Neutrophils (%)	51.68	40 - 70
Lymphocytes (%)	19.34	20 - 40
Fasting Glucose (mg/dL)	94.57	70 - 99
Urea (mg/dL)	9.43	7 - 20
Creatinine (mg/dL)	0.68	0.74 - 1.35
Sodium (mmol/L)	135.52	135 - 145
Potassium (mmol/L)	6.06	3.5 - 5.1
ALT (U/L)	34.51	7 - 56
AST (U/L)	38.77	10 - 40

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