

Medical Lab - Synthetic Blood Report

Report ID:	BR100115	Patient Name:	Karan Kumar
Sex:	M	Age:	53
Report Date:	2024-11-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.07	13.5 - 17.5
RBC (10^6/μL)	5.14	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	356	150 - 400
Hematocrit (%)	34.94	41 - 53
MCV (fL)	84.75	80 - 100
MCH (pg)	31.83	27 - 32
MCHC (g/dL)	34.88	32 - 36
Neutrophils (%)	44.07	40 - 70
Lymphocytes (%)	26.44	20 - 40
Fasting Glucose (mg/dL)	90.21	70 - 99
Urea (mg/dL)	8.28	7 - 20
Creatinine (mg/dL)	1.69	0.74 - 1.35
Sodium (mmol/L)	144.24	135 - 145
Potassium (mmol/L)	3.57	3.5 - 5.1
ALT (U/L)	22.23	7 - 56
AST (U/L)	26.41	10 - 40

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