

Medical Lab - Synthetic Blood Report

Report ID:	BR100295	Patient Name:	Karan Sharma
Sex:	M	Age:	41
Report Date:	2025-05-04	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.59	13.5 - 17.5
RBC (10^6/μL)	4.58	4.3 - 5.9
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	159	150 - 400
Hematocrit (%)	43.23	41 - 53
MCV (fL)	99.55	80 - 100
MCH (pg)	37.11	27 - 32
MCHC (g/dL)	35.6	32 - 36
Neutrophils (%)	63.72	40 - 70
Lymphocytes (%)	23.14	20 - 40
Fasting Glucose (mg/dL)	110.22	70 - 99
Urea (mg/dL)	24.51	7 - 20
Creatinine (mg/dL)	1.2	0.74 - 1.35
Sodium (mmol/L)	137.7	135 - 145
Potassium (mmol/L)	4.24	3.5 - 5.1
ALT (U/L)	17.42	7 - 56
AST (U/L)	15.63	10 - 40

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