

Medical Lab - Synthetic Blood Report

Report ID:	BR100558	Patient Name:	Karan Singh
Sex:	F	Age:	31
Report Date:	2025-05-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.79	12.0 - 16.0
RBC (10^6/μL)	4.98	3.5 - 5.5
WBC (10^3/μL)	11	4.5 - 11.0
Platelets (10^3/μL)	321	150 - 400
Hematocrit (%)	38.96	36 - 46
MCV (fL)	91.52	80 - 100
MCH (pg)	39.06	27 - 32
MCHC (g/dL)	34.72	32 - 36
Neutrophils (%)	49.55	40 - 70
Lymphocytes (%)	33.63	20 - 40
Fasting Glucose (mg/dL)	80.63	70 - 99
Urea (mg/dL)	8.67	7 - 20
Creatinine (mg/dL)	0.93	0.59 - 1.04
Sodium (mmol/L)	144.16	135 - 145
Potassium (mmol/L)	4.97	3.5 - 5.1
ALT (U/L)	46.62	7 - 56
AST (U/L)	34.26	10 - 40

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