

Medical Lab - Synthetic Blood Report

Report ID:	BR100260	Patient Name:	Karan Joshi
Sex:	F	Age:	33
Report Date:	2025-09-09	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.53	12.0 - 16.0
RBC (10^6/μL)	4.78	3.5 - 5.5
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	313	150 - 400
Hematocrit (%)	35.57	36 - 46
MCV (fL)	88.81	80 - 100
MCH (pg)	28.01	27 - 32
MCHC (g/dL)	32.81	32 - 36
Neutrophils (%)	54.84	40 - 70
Lymphocytes (%)	36.79	20 - 40
Fasting Glucose (mg/dL)	55.22	70 - 99
Urea (mg/dL)	7.41	7 - 20
Creatinine (mg/dL)	0.78	0.59 - 1.04
Sodium (mmol/L)	142.9	135 - 145
Potassium (mmol/L)	3.69	3.5 - 5.1
ALT (U/L)	43.52	7 - 56
AST (U/L)	28.87	10 - 40

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