

Medical Lab - Synthetic Blood Report

Report ID:	BR100119	Patient Name:	Karan Malhotra
Sex:	F	Age:	32
Report Date:	2025-01-27	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.77	12.0 - 16.0
RBC (10^6/μL)	4.18	3.5 - 5.5
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	206	150 - 400
Hematocrit (%)	40.14	36 - 46
MCV (fL)	88.47	80 - 100
MCH (pg)	31.25	27 - 32
MCHC (g/dL)	35.4	32 - 36
Neutrophils (%)	47.22	40 - 70
Lymphocytes (%)	34.41	20 - 40
Fasting Glucose (mg/dL)	97.45	70 - 99
Urea (mg/dL)	9.34	7 - 20
Creatinine (mg/dL)	0.65	0.59 - 1.04
Sodium (mmol/L)	187.43	135 - 145
Potassium (mmol/L)	3.94	3.5 - 5.1
ALT (U/L)	17.72	7 - 56
AST (U/L)	14.04	10 - 40

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