

Medical Lab - Synthetic Blood Report

Report ID:	BR100999	Patient Name:	Karan Malhotra
Sex:	F	Age:	28
Report Date:	2025-09-19	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.31	12.0 - 16.0
RBC (10^6/μL)	3.65	3.5 - 5.5
WBC (10^3/μL)	11	4.5 - 11.0
Platelets (10^3/μL)	345	150 - 400
Hematocrit (%)	37.67	36 - 46
MCV (fL)	85.87	80 - 100
MCH (pg)	28.05	27 - 32
MCHC (g/dL)	33.02	32 - 36
Neutrophils (%)	55.74	40 - 70
Lymphocytes (%)	30.96	20 - 40
Fasting Glucose (mg/dL)	75.25	70 - 99
Urea (mg/dL)	16.87	7 - 20
Creatinine (mg/dL)	1.0	0.59 - 1.04
Sodium (mmol/L)	138.38	135 - 145
Potassium (mmol/L)	4.46	3.5 - 5.1
ALT (U/L)	13.9	7 - 56
AST (U/L)	26.81	10 - 40

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