

# Medical Lab - Synthetic Blood Report

Report ID:	BR100216	Patient Name:	Karan Khan
Sex:	F	Age:	17
Report Date:	2025-07-05	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.19	12.0 - 16.0
RBC (10^6/µL)	4.62	3.5 - 5.5
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	325	150 - 400
Hematocrit (%)	41.03	36 - 46
MCV (fL)	87.01	80 - 100
MCH (pg)	28.25	27 - 32
MCHC (g/dL)	35.52	32 - 36
Neutrophils (%)	34.79	40 - 70
Lymphocytes (%)	17.96	20 - 40
Fasting Glucose (mg/dL)	98.42	70 - 99
Urea (mg/dL)	17.76	7 - 20
Creatinine (mg/dL)	0.65	0.59 - 1.04
Sodium (mmol/L)	143.39	135 - 145
Potassium (mmol/L)	6.48	3.5 - 5.1
ALT (U/L)	13.97	7 - 56
AST (U/L)	35.35	10 - 40

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