

# Medical Lab - Synthetic Blood Report

Report ID:	BR100892	Patient Name:	Karan Jain
Sex:	F	Age:	57
Report Date:	2024-11-18	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.99	12.0 - 16.0
RBC (10^6/μL)	3.86	3.5 - 5.5
WBC (10^3/μL)	11	4.5 - 11.0
Platelets (10^3/μL)	395	150 - 400
Hematocrit (%)	36.58	36 - 46
MCV (fL)	86.1	80 - 100
MCH (pg)	27.28	27 - 32
MCHC (g/dL)	33.3	32 - 36
Neutrophils (%)	80.46	40 - 70
Lymphocytes (%)	29.89	20 - 40
Fasting Glucose (mg/dL)	97.3	70 - 99
Urea (mg/dL)	14.36	7 - 20
Creatinine (mg/dL)	1.26	0.59 - 1.04
Sodium (mmol/L)	143.07	135 - 145
Potassium (mmol/L)	3.56	3.5 - 5.1
ALT (U/L)	43.58	7 - 56
AST (U/L)	32.38	10 - 40

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