

# Medical Lab - Synthetic Blood Report

Report ID:	BR100727	Patient Name:	Nikhil Saxena
Sex:	F	Age:	30
Report Date:	2025-08-12	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.91	12.0 - 16.0
RBC (10^6/μL)	4.53	3.5 - 5.5
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	131	150 - 400
Hematocrit (%)	44.31	36 - 46
MCV (fL)	87.47	80 - 100
MCH (pg)	31.5	27 - 32
MCHC (g/dL)	35.52	32 - 36
Neutrophils (%)	65.45	40 - 70
Lymphocytes (%)	25.73	20 - 40
Fasting Glucose (mg/dL)	78.43	70 - 99
Urea (mg/dL)	7.82	7 - 20
Creatinine (mg/dL)	1.03	0.59 - 1.04
Sodium (mmol/L)	140.61	135 - 145
Potassium (mmol/L)	4.32	3.5 - 5.1
ALT (U/L)	72.49	7 - 56
AST (U/L)	40.65	10 - 40

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