

# Medical Lab - Synthetic Blood Report

Report ID:	BR100043	Patient Name:	Nikhil Saxena
Sex:	F	Age:	42
Report Date:	2024-11-19	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.64	12.0 - 16.0
RBC (10^6/μL)	4.29	3.5 - 5.5
WBC (10^3/μL)	5	4.5 - 11.0
Platelets (10^3/μL)	376	150 - 400
Hematocrit (%)	45.25	36 - 46
MCV (fL)	95.57	80 - 100
MCH (pg)	29.48	27 - 32
MCHC (g/dL)	35.81	32 - 36
Neutrophils (%)	55.13	40 - 70
Lymphocytes (%)	34.34	20 - 40
Fasting Glucose (mg/dL)	84.61	70 - 99
Urea (mg/dL)	13.6	7 - 20
Creatinine (mg/dL)	1.27	0.59 - 1.04
Sodium (mmol/L)	141.97	135 - 145
Potassium (mmol/L)	4.19	3.5 - 5.1
ALT (U/L)	18.8	7 - 56
AST (U/L)	29.52	10 - 40

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