

# Medical Lab - Synthetic Blood Report

Report ID:	BR100068	Patient Name:	Nikhil Verma
Sex:	F	Age:	29
Report Date:	2025-03-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.01	12.0 - 16.0
RBC (10^6/µL)	3.82	3.5 - 5.5
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	296	150 - 400
Hematocrit (%)	40.82	36 - 46
MCV (fL)	80.8	80 - 100
MCH (pg)	29.92	27 - 32
MCHC (g/dL)	42.46	32 - 36
Neutrophils (%)	46.29	40 - 70
Lymphocytes (%)	36.98	20 - 40
Fasting Glucose (mg/dL)	72.5	70 - 99
Urea (mg/dL)	18.97	7 - 20
Creatinine (mg/dL)	1.31	0.59 - 1.04
Sodium (mmol/L)	141.34	135 - 145
Potassium (mmol/L)	2.7	3.5 - 5.1
ALT (U/L)	39.47	7 - 56
AST (U/L)	10.51	10 - 40

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