

# Medical Lab - Synthetic Blood Report

Report ID:	BR100126	Patient Name:	Nikhil Reddy
Sex:	F	Age:	70
Report Date:	2024-12-29	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.15	12.0 - 16.0
RBC (10^6/μL)	5.19	3.5 - 5.5
WBC (10^3/μL)	11	4.5 - 11.0
Platelets (10^3/μL)	284	150 - 400
Hematocrit (%)	42.31	36 - 46
MCV (fL)	82.45	80 - 100
MCH (pg)	31.1	27 - 32
MCHC (g/dL)	33.06	32 - 36
Neutrophils (%)	47.7	40 - 70
Lymphocytes (%)	17.37	20 - 40
Fasting Glucose (mg/dL)	89.9	70 - 99
Urea (mg/dL)	8.72	7 - 20
Creatinine (mg/dL)	1.23	0.59 - 1.04
Sodium (mmol/L)	138.98	135 - 145
Potassium (mmol/L)	4.18	3.5 - 5.1
ALT (U/L)	47.04	7 - 56
AST (U/L)	31.87	10 - 40

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