

# Medical Lab - Synthetic Blood Report

Report ID:	BR100721	Patient Name:	Nikhil Chaudhary
Sex:	F	Age:	36
Report Date:	2024-11-21	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.5	12.0 - 16.0
RBC (10^6/µL)	5.26	3.5 - 5.5
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	330	150 - 400
Hematocrit (%)	40.56	36 - 46
MCV (fL)	86.71	80 - 100
MCH (pg)	28.9	27 - 32
MCHC (g/dL)	35.95	32 - 36
Neutrophils (%)	58.14	40 - 70
Lymphocytes (%)	17.3	20 - 40
Fasting Glucose (mg/dL)	90.33	70 - 99
Urea (mg/dL)	4.95	7 - 20
Creatinine (mg/dL)	1.22	0.59 - 1.04
Sodium (mmol/L)	117.19	135 - 145
Potassium (mmol/L)	5.04	3.5 - 5.1
ALT (U/L)	39.62	7 - 56
AST (U/L)	8.86	10 - 40

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