

Medical Lab - Synthetic Blood Report

Report ID:	BR100323	Patient Name:	Nikhil Verma
Sex:	F	Age:	16
Report Date:	2025-07-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.97	12.0 - 16.0
RBC (10^6/μL)	4.16	3.5 - 5.5
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	238	150 - 400
Hematocrit (%)	48.4	36 - 46
MCV (fL)	93.5	80 - 100
MCH (pg)	29.35	27 - 32
MCHC (g/dL)	34.09	32 - 36
Neutrophils (%)	59.74	40 - 70
Lymphocytes (%)	32.79	20 - 40
Fasting Glucose (mg/dL)	87.43	70 - 99
Urea (mg/dL)	16.36	7 - 20
Creatinine (mg/dL)	0.75	0.59 - 1.04
Sodium (mmol/L)	143.59	135 - 145
Potassium (mmol/L)	4.25	3.5 - 5.1
ALT (U/L)	51.39	7 - 56
AST (U/L)	28.55	10 - 40

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