

Medical Lab - Synthetic Blood Report

Report ID:	BR100685	Patient Name:	Nikhil Kapoor
Sex:	F	Age:	16
Report Date:	2025-02-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.61	12.0 - 16.0
RBC (10^6/μL)	4.89	3.5 - 5.5
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	398	150 - 400
Hematocrit (%)	41.56	36 - 46
MCV (fL)	88.68	80 - 100
MCH (pg)	29.6	27 - 32
MCHC (g/dL)	33.91	32 - 36
Neutrophils (%)	51.86	40 - 70
Lymphocytes (%)	22.7	20 - 40
Fasting Glucose (mg/dL)	80.97	70 - 99
Urea (mg/dL)	8.94	7 - 20
Creatinine (mg/dL)	0.6	0.59 - 1.04
Sodium (mmol/L)	144.65	135 - 145
Potassium (mmol/L)	3.7	3.5 - 5.1
ALT (U/L)	42.33	7 - 56
AST (U/L)	18.18	10 - 40

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