

Medical Lab - Synthetic Blood Report

Report ID:	BR100333	Patient Name:	Nikhil Singh
Sex:	F	Age:	10
Report Date:	2024-11-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.46	12.0 - 16.0
RBC (10^6/µL)	6.12	3.5 - 5.5
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	256	150 - 400
Hematocrit (%)	40.53	36 - 46
MCV (fL)	95.81	80 - 100
MCH (pg)	31.43	27 - 32
MCHC (g/dL)	34.96	32 - 36
Neutrophils (%)	70.69	40 - 70
Lymphocytes (%)	32.01	20 - 40
Fasting Glucose (mg/dL)	79.0	70 - 99
Urea (mg/dL)	16.06	7 - 20
Creatinine (mg/dL)	0.48	0.59 - 1.04
Sodium (mmol/L)	140.41	135 - 145
Potassium (mmol/L)	4.27	3.5 - 5.1
ALT (U/L)	46.02	7 - 56
AST (U/L)	22.55	10 - 40

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