

# Medical Lab - Synthetic Blood Report

Report ID:	BR100268	Patient Name:	Anita Mehta
Sex:	M	Age:	13
Report Date:	2024-10-12	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.14	13.5 - 17.5
RBC (10^6/μL)	4.93	4.3 - 5.9
WBC (10^3/μL)	4	4.5 - 11.0
Platelets (10^3/μL)	185	150 - 400
Hematocrit (%)	41.89	41 - 53
MCV (fL)	94.15	80 - 100
MCH (pg)	37.94	27 - 32
MCHC (g/dL)	34.64	32 - 36
Neutrophils (%)	66.31	40 - 70
Lymphocytes (%)	21.53	20 - 40
Fasting Glucose (mg/dL)	76.55	70 - 99
Urea (mg/dL)	8.16	7 - 20
Creatinine (mg/dL)	1.07	0.74 - 1.35
Sodium (mmol/L)	135.26	135 - 145
Potassium (mmol/L)	4.85	3.5 - 5.1
ALT (U/L)	17.37	7 - 56
AST (U/L)	13.04	10 - 40

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