

Medical Lab - Synthetic Blood Report

Report ID:	BR100963	Patient Name:	Anita Jain
Sex:	M	Age:	16
Report Date:	2024-10-29	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.37	13.5 - 17.5
RBC (10^6/μL)	4.97	4.3 - 5.9
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	221	150 - 400
Hematocrit (%)	47.5	41 - 53
MCV (fL)	98.15	80 - 100
MCH (pg)	28.35	27 - 32
MCHC (g/dL)	35.81	32 - 36
Neutrophils (%)	41.45	40 - 70
Lymphocytes (%)	37.1	20 - 40
Fasting Glucose (mg/dL)	101.01	70 - 99
Urea (mg/dL)	9.46	7 - 20
Creatinine (mg/dL)	0.93	0.74 - 1.35
Sodium (mmol/L)	142.79	135 - 145
Potassium (mmol/L)	4.13	3.5 - 5.1
ALT (U/L)	22.94	7 - 56
AST (U/L)	12.98	10 - 40

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