

Medical Lab - Synthetic Blood Report

Report ID:	BR100370	Patient Name:	Anita Desai
Sex:	F	Age:	18
Report Date:	2024-12-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.81	12.0 - 16.0
RBC (10^6/µL)	3.66	3.5 - 5.5
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	270	150 - 400
Hematocrit (%)	40.88	36 - 46
MCV (fL)	93.95	80 - 100
MCH (pg)	27.92	27 - 32
MCHC (g/dL)	33.64	32 - 36
Neutrophils (%)	40.79	40 - 70
Lymphocytes (%)	31.68	20 - 40
Fasting Glucose (mg/dL)	85.6	70 - 99
Urea (mg/dL)	12.54	7 - 20
Creatinine (mg/dL)	0.98	0.59 - 1.04
Sodium (mmol/L)	141.6	135 - 145
Potassium (mmol/L)	3.64	3.5 - 5.1
ALT (U/L)	20.66	7 - 56
AST (U/L)	31.97	10 - 40

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