

Medical Lab - Synthetic Blood Report

Report ID:	BR100433	Patient Name:	Amit Desai
Sex:	F	Age:	56
Report Date:	2025-01-03	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	19.93	12.0 - 16.0
RBC (10^6/µL)	3.89	3.5 - 5.5
WBC (10^3/µL)	14	4.5 - 11.0
Platelets (10^3/µL)	244	150 - 400
Hematocrit (%)	37.07	36 - 46
MCV (fL)	128.71	80 - 100
MCH (pg)	27.45	27 - 32
MCHC (g/dL)	35.46	32 - 36
Neutrophils (%)	43.88	40 - 70
Lymphocytes (%)	23.87	20 - 40
Fasting Glucose (mg/dL)	77.05	70 - 99
Urea (mg/dL)	24.66	7 - 20
Creatinine (mg/dL)	0.64	0.59 - 1.04
Sodium (mmol/L)	176.95	135 - 145
Potassium (mmol/L)	2.9	3.5 - 5.1
ALT (U/L)	6.21	7 - 56
AST (U/L)	11.51	10 - 40

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