

Medical Lab - Synthetic Blood Report

Report ID:	BR100312	Patient Name:	Divya Desai
Sex:	F	Age:	52
Report Date:	2025-08-21	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	19.3	12.0 - 16.0
RBC (10^6/µL)	2.71	3.5 - 5.5
WBC (10^3/µL)	4	4.5 - 11.0
Platelets (10^3/µL)	159	150 - 400
Hematocrit (%)	37.85	36 - 46
MCV (fL)	85.54	80 - 100
MCH (pg)	29.04	27 - 32
MCHC (g/dL)	34.6	32 - 36
Neutrophils (%)	39.13	40 - 70
Lymphocytes (%)	21.64	20 - 40
Fasting Glucose (mg/dL)	76.4	70 - 99
Urea (mg/dL)	16.95	7 - 20
Creatinine (mg/dL)	0.7	0.59 - 1.04
Sodium (mmol/L)	135.47	135 - 145
Potassium (mmol/L)	4.22	3.5 - 5.1
ALT (U/L)	25.23	7 - 56
AST (U/L)	18.38	10 - 40

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