

Medical Lab - Synthetic Blood Report

Report ID:	BR100040	Patient Name:	Vikram Desai
Sex:	F	Age:	26
Report Date:	2025-10-07	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.6	12.0 - 16.0
RBC (10^6/μL)	3.65	3.5 - 5.5
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	478	150 - 400
Hematocrit (%)	41.32	36 - 46
MCV (fL)	81.2	80 - 100
MCH (pg)	27.17	27 - 32
MCHC (g/dL)	44.44	32 - 36
Neutrophils (%)	40.53	40 - 70
Lymphocytes (%)	21.36	20 - 40
Fasting Glucose (mg/dL)	94.61	70 - 99
Urea (mg/dL)	12.7	7 - 20
Creatinine (mg/dL)	1.0	0.59 - 1.04
Sodium (mmol/L)	144.22	135 - 145
Potassium (mmol/L)	6.15	3.5 - 5.1
ALT (U/L)	30.31	7 - 56
AST (U/L)	18.66	10 - 40

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