

Medical Lab - Synthetic Blood Report

Report ID:	BR100831	Patient Name:	Vikram Malhotra
Sex:	F	Age:	46
Report Date:	2025-08-25	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.1	12.0 - 16.0
RBC (10 ⁶ /μL)	4.04	3.5 - 5.5
WBC (10 ³ /μL)	5	4.5 - 11.0
Platelets (10 ³ /μL)	173	150 - 400
Hematocrit (%)	43.12	36 - 46
MCV (fL)	90.16	80 - 100
MCH (pg)	27.71	27 - 32
MCHC (g/dL)	33.06	32 - 36
Neutrophils (%)	58.95	40 - 70
Lymphocytes (%)	15.05	20 - 40
Fasting Glucose (mg/dL)	79.73	70 - 99
Urea (mg/dL)	16.82	7 - 20
Creatinine (mg/dL)	1.24	0.59 - 1.04
Sodium (mmol/L)	138.8	135 - 145
Potassium (mmol/L)	6.23	3.5 - 5.1
ALT (U/L)	28.5	7 - 56
AST (U/L)	15.56	10 - 40

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