

# Medical Lab - Synthetic Blood Report

Report ID:	BR100242	Patient Name:	Vikram Mehta
Sex:	M	Age:	41
Report Date:	2025-08-20	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.03	13.5 - 17.5
RBC (10^6/µL)	5.48	4.3 - 5.9
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	143	150 - 400
Hematocrit (%)	52.8	41 - 53
MCV (fL)	95.56	80 - 100
MCH (pg)	31.47	27 - 32
MCHC (g/dL)	28.61	32 - 36
Neutrophils (%)	68.45	40 - 70
Lymphocytes (%)	22.25	20 - 40
Fasting Glucose (mg/dL)	87.94	70 - 99
Urea (mg/dL)	7.23	7 - 20
Creatinine (mg/dL)	0.91	0.74 - 1.35
Sodium (mmol/L)	153.55	135 - 145
Potassium (mmol/L)	3.51	3.5 - 5.1
ALT (U/L)	49.98	7 - 56
AST (U/L)	9.42	10 - 40

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