

# Medical Lab - Synthetic Blood Report

Report ID:	BR100021	Patient Name:	Vikram Mehta
Sex:	M	Age:	79
Report Date:	2025-01-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.39	13.5 - 17.5
RBC (10^6/µL)	4.96	4.3 - 5.9
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	392	150 - 400
Hematocrit (%)	49.15	41 - 53
MCV (fL)	89.71	80 - 100
MCH (pg)	28.93	27 - 32
MCHC (g/dL)	35.59	32 - 36
Neutrophils (%)	65.39	40 - 70
Lymphocytes (%)	36.17	20 - 40
Fasting Glucose (mg/dL)	91.34	70 - 99
Urea (mg/dL)	17.98	7 - 20
Creatinine (mg/dL)	0.75	0.74 - 1.35
Sodium (mmol/L)	143.78	135 - 145
Potassium (mmol/L)	4.12	3.5 - 5.1
ALT (U/L)	10.61	7 - 56
AST (U/L)	38.77	10 - 40

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