

# Medical Lab - Synthetic Blood Report

Report ID:	BR100324	Patient Name:	Vikram Mehta
Sex:	M	Age:	61
Report Date:	2025-09-21	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.93	13.5 - 17.5
RBC (10^6/µL)	5.26	4.3 - 5.9
WBC (10^3/µL)	4	4.5 - 11.0
Platelets (10^3/µL)	320	150 - 400
Hematocrit (%)	38.44	41 - 53
MCV (fL)	91.48	80 - 100
MCH (pg)	31.82	27 - 32
MCHC (g/dL)	34.34	32 - 36
Neutrophils (%)	52.46	40 - 70
Lymphocytes (%)	29.61	20 - 40
Fasting Glucose (mg/dL)	71.29	70 - 99
Urea (mg/dL)	14.87	7 - 20
Creatinine (mg/dL)	1.03	0.74 - 1.35
Sodium (mmol/L)	135.55	135 - 145
Potassium (mmol/L)	3.91	3.5 - 5.1
ALT (U/L)	15.49	7 - 56
AST (U/L)	27.85	10 - 40

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