

# Medical Lab - Synthetic Blood Report

Report ID:	BR100805	Patient Name:	Vikram Mehta
Sex:	M	Age:	28
Report Date:	2025-05-10	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.8	13.5 - 17.5
RBC (10^6/µL)	4.52	4.3 - 5.9
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	245	150 - 400
Hematocrit (%)	53.31	41 - 53
MCV (fL)	86.83	80 - 100
MCH (pg)	28.09	27 - 32
MCHC (g/dL)	33.98	32 - 36
Neutrophils (%)	63.78	40 - 70
Lymphocytes (%)	24.27	20 - 40
Fasting Glucose (mg/dL)	79.73	70 - 99
Urea (mg/dL)	17.06	7 - 20
Creatinine (mg/dL)	1.14	0.74 - 1.35
Sodium (mmol/L)	135.34	135 - 145
Potassium (mmol/L)	4.79	3.5 - 5.1
ALT (U/L)	33.73	7 - 56
AST (U/L)	23.7	10 - 40

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