

# Medical Lab - Synthetic Blood Report

Report ID:	BR100031	Patient Name:	Vikram Mehta
Sex:	M	Age:	50
Report Date:	2024-12-07	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.29	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	5.58	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	7	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	196	150 - 400
Hematocrit (%)	42.67	41 - 53
MCV (fL)	76.14	80 - 100
MCH (pg)	29.16	27 - 32
MCHC (g/dL)	34.06	32 - 36
Neutrophils (%)	41.42	40 - 70
Lymphocytes (%)	39.59	20 - 40
Fasting Glucose (mg/dL)	83.11	70 - 99
Urea (mg/dL)	16.32	7 - 20
Creatinine (mg/dL)	1.56	0.74 - 1.35
Sodium (mmol/L)	159.73	135 - 145
Potassium (mmol/L)	2.66	3.5 - 5.1
ALT (U/L)	65.3	7 - 56
AST (U/L)	31.13	10 - 40

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