

# Medical Lab - Synthetic Blood Report

Report ID:	BR100290	Patient Name:	Vikram Desai
Sex:	M	Age:	24
Report Date:	2025-07-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.81	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	4.76	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	7	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	352	150 - 400
Hematocrit (%)	49.94	41 - 53
MCV (fL)	89.12	80 - 100
MCH (pg)	31.09	27 - 32
MCHC (g/dL)	35.92	32 - 36
Neutrophils (%)	55.15	40 - 70
Lymphocytes (%)	42.4	20 - 40
Fasting Glucose (mg/dL)	96.52	70 - 99
Urea (mg/dL)	8.23	7 - 20
Creatinine (mg/dL)	0.75	0.74 - 1.35
Sodium (mmol/L)	143.34	135 - 145
Potassium (mmol/L)	4.28	3.5 - 5.1
ALT (U/L)	40.56	7 - 56
AST (U/L)	24.32	10 - 40

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