

# Medical Lab - Synthetic Blood Report

Report ID:	BR100412	Patient Name:	Vikram Khan
Sex:	M	Age:	26
Report Date:	2025-05-03	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.63	13.5 - 17.5
RBC (10^6/µL)	5.24	4.3 - 5.9
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	377	150 - 400
Hematocrit (%)	46.09	41 - 53
MCV (fL)	88.56	80 - 100
MCH (pg)	29.94	27 - 32
MCHC (g/dL)	33.42	32 - 36
Neutrophils (%)	64.69	40 - 70
Lymphocytes (%)	28.72	20 - 40
Fasting Glucose (mg/dL)	96.53	70 - 99
Urea (mg/dL)	12.1	7 - 20
Creatinine (mg/dL)	0.82	0.74 - 1.35
Sodium (mmol/L)	138.2	135 - 145
Potassium (mmol/L)	4.43	3.5 - 5.1
ALT (U/L)	52.19	7 - 56
AST (U/L)	21.42	10 - 40

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