

# Medical Lab - Synthetic Blood Report

Report ID:	BR100331	Patient Name:	Vikram Nair
Sex:	M	Age:	44
Report Date:	2024-12-25	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.4	13.5 - 17.5
RBC (10^6/µL)	5.16	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	390	150 - 400
Hematocrit (%)	49.96	41 - 53
MCV (fL)	92.23	80 - 100
MCH (pg)	30.42	27 - 32
MCHC (g/dL)	32.52	32 - 36
Neutrophils (%)	65.52	40 - 70
Lymphocytes (%)	38.88	20 - 40
Fasting Glucose (mg/dL)	78.95	70 - 99
Urea (mg/dL)	19.84	7 - 20
Creatinine (mg/dL)	1.52	0.74 - 1.35
Sodium (mmol/L)	142.95	135 - 145
Potassium (mmol/L)	4.62	3.5 - 5.1
ALT (U/L)	16.96	7 - 56
AST (U/L)	34.02	10 - 40

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