

Medical Lab - Synthetic Blood Report

Report ID:	BR100200	Patient Name:	Vikram Iyer
Sex:	M	Age:	73
Report Date:	2025-03-17	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.2	13.5 - 17.5
RBC (10^6/µL)	4.54	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	443	150 - 400
Hematocrit (%)	51.53	41 - 53
MCV (fL)	89.67	80 - 100
MCH (pg)	26.71	27 - 32
MCHC (g/dL)	35.82	32 - 36
Neutrophils (%)	48.55	40 - 70
Lymphocytes (%)	32.06	20 - 40
Fasting Glucose (mg/dL)	64.01	70 - 99
Urea (mg/dL)	10.34	7 - 20
Creatinine (mg/dL)	1.05	0.74 - 1.35
Sodium (mmol/L)	142.32	135 - 145
Potassium (mmol/L)	3.82	3.5 - 5.1
ALT (U/L)	42.79	7 - 56
AST (U/L)	21.03	10 - 40

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