

# Medical Lab - Synthetic Blood Report

Report ID:	BR100270	Patient Name:	Vikram Kumar
Sex:	F	Age:	49
Report Date:	2024-11-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.32	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	5.01	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	5	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	340	150 - 400
Hematocrit (%)	45.69	36 - 46
MCV (fL)	95.1	80 - 100
MCH (pg)	22.77	27 - 32
MCHC (g/dL)	33.87	32 - 36
Neutrophils (%)	38.89	40 - 70
Lymphocytes (%)	32.9	20 - 40
Fasting Glucose (mg/dL)	83.83	70 - 99
Urea (mg/dL)	18.71	7 - 20
Creatinine (mg/dL)	0.88	0.59 - 1.04
Sodium (mmol/L)	98.73	135 - 145
Potassium (mmol/L)	4.76	3.5 - 5.1
ALT (U/L)	25.1	7 - 56
AST (U/L)	8.01	10 - 40

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