

Medical Lab - Synthetic Blood Report

Report ID:	BR100045	Patient Name:	Kavya Patel
Sex:	M	Age:	80
Report Date:	2025-04-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.46	13.5 - 17.5
RBC (10^6/µL)	4.98	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	296	150 - 400
Hematocrit (%)	51.89	41 - 53
MCV (fL)	86.07	80 - 100
MCH (pg)	30.31	27 - 32
MCHC (g/dL)	34.98	32 - 36
Neutrophils (%)	41.8	40 - 70
Lymphocytes (%)	37.7	20 - 40
Fasting Glucose (mg/dL)	98.48	70 - 99
Urea (mg/dL)	25.4	7 - 20
Creatinine (mg/dL)	0.74	0.74 - 1.35
Sodium (mmol/L)	136.98	135 - 145
Potassium (mmol/L)	3.94	3.5 - 5.1
ALT (U/L)	67.64	7 - 56
AST (U/L)	22.35	10 - 40

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