

Medical Lab - Synthetic Blood Report

Report ID:	BR100430	Patient Name:	Kavya Iyer
Sex:	M	Age:	70
Report Date:	2025-03-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.25	13.5 - 17.5
RBC (10^6/ μ L)	4.85	4.3 - 5.9
WBC (10^3/ μ L)	10	4.5 - 11.0
Platelets (10^3/ μ L)	307	150 - 400
Hematocrit (%)	51.95	41 - 53
MCV (fL)	90.63	80 - 100
MCH (pg)	28.19	27 - 32
MCHC (g/dL)	34.34	32 - 36
Neutrophils (%)	51.79	40 - 70
Lymphocytes (%)	39.25	20 - 40
Fasting Glucose (mg/dL)	80.11	70 - 99
Urea (mg/dL)	18.75	7 - 20
Creatinine (mg/dL)	1.07	0.74 - 1.35
Sodium (mmol/L)	143.72	135 - 145
Potassium (mmol/L)	4.52	3.5 - 5.1
ALT (U/L)	36.41	7 - 56
AST (U/L)	28.49	10 - 40

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