

Medical Lab - Synthetic Blood Report

Report ID:	BR100044	Patient Name:	Isha Kumar
Sex:	M	Age:	50
Report Date:	2025-05-18	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	11.89	13.5 - 17.5
RBC (10 ⁶ /μL)	4.53	4.3 - 5.9
WBC (10 ³ /μL)	11	4.5 - 11.0
Platelets (10 ³ /μL)	289	150 - 400
Hematocrit (%)	47.17	41 - 53
MCV (fL)	95.72	80 - 100
MCH (pg)	31.75	27 - 32
MCHC (g/dL)	32.26	32 - 36
Neutrophils (%)	70.91	40 - 70
Lymphocytes (%)	47.95	20 - 40
Fasting Glucose (mg/dL)	90.5	70 - 99
Urea (mg/dL)	19.47	7 - 20
Creatinine (mg/dL)	1.68	0.74 - 1.35
Sodium (mmol/L)	121.84	135 - 145
Potassium (mmol/L)	2.56	3.5 - 5.1
ALT (U/L)	10.26	7 - 56
AST (U/L)	37.02	10 - 40

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