

Medical Lab - Synthetic Blood Report

Report ID:	BR100519	Patient Name:	Isha Patel
Sex:	M	Age:	52
Report Date:	2024-10-22	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.11	13.5 - 17.5
RBC (10^6/µL)	4.54	4.3 - 5.9
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	393	150 - 400
Hematocrit (%)	53.0	41 - 53
MCV (fL)	124.7	80 - 100
MCH (pg)	28.57	27 - 32
MCHC (g/dL)	32.39	32 - 36
Neutrophils (%)	41.21	40 - 70
Lymphocytes (%)	24.22	20 - 40
Fasting Glucose (mg/dL)	84.42	70 - 99
Urea (mg/dL)	5.22	7 - 20
Creatinine (mg/dL)	1.27	0.74 - 1.35
Sodium (mmol/L)	139.92	135 - 145
Potassium (mmol/L)	3.71	3.5 - 5.1
ALT (U/L)	39.61	7 - 56
AST (U/L)	39.55	10 - 40

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