

Medical Lab - Synthetic Blood Report

Report ID:	BR100281	Patient Name:	Priya Thomas
Sex:	M	Age:	48
Report Date:	2025-07-15	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.92	13.5 - 17.5
RBC (10^6/µL)	4.42	4.3 - 5.9
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	298	150 - 400
Hematocrit (%)	49.91	41 - 53
MCV (fL)	120.55	80 - 100
MCH (pg)	27.19	27 - 32
MCHC (g/dL)	35.28	32 - 36
Neutrophils (%)	44.04	40 - 70
Lymphocytes (%)	49.94	20 - 40
Fasting Glucose (mg/dL)	90.68	70 - 99
Urea (mg/dL)	20.98	7 - 20
Creatinine (mg/dL)	1.19	0.74 - 1.35
Sodium (mmol/L)	144.47	135 - 145
Potassium (mmol/L)	4.38	3.5 - 5.1
ALT (U/L)	52.77	7 - 56
AST (U/L)	32.64	10 - 40

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