

Medical Lab - Synthetic Blood Report

Report ID:	BR100299	Patient Name:	Anita Iyer
Sex:	M	Age:	49
Report Date:	2024-12-28	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.32	13.5 - 17.5
RBC (10^6/μL)	4.43	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	183	150 - 400
Hematocrit (%)	47.54	41 - 53
MCV (fL)	82.98	80 - 100
MCH (pg)	28.4	27 - 32
MCHC (g/dL)	36.74	32 - 36
Neutrophils (%)	84.66	40 - 70
Lymphocytes (%)	29.46	20 - 40
Fasting Glucose (mg/dL)	63.83	70 - 99
Urea (mg/dL)	23.89	7 - 20
Creatinine (mg/dL)	0.73	0.74 - 1.35
Sodium (mmol/L)	135.23	135 - 145
Potassium (mmol/L)	3.83	3.5 - 5.1
ALT (U/L)	17.96	7 - 56
AST (U/L)	32.93	10 - 40

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