

Medical Lab - Synthetic Blood Report

Report ID:	BR100911	Patient Name:	Amit Reddy
Sex:	F	Age:	45
Report Date:	2024-12-21	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	11.95	12.0 - 16.0
RBC (10^6/μL)	5.85	3.5 - 5.5
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	316	150 - 400
Hematocrit (%)	48.9	36 - 46
MCV (fL)	81.91	80 - 100
MCH (pg)	27.18	27 - 32
MCHC (g/dL)	35.48	32 - 36
Neutrophils (%)	53.35	40 - 70
Lymphocytes (%)	27.56	20 - 40
Fasting Glucose (mg/dL)	101.8	70 - 99
Urea (mg/dL)	14.41	7 - 20
Creatinine (mg/dL)	0.7	0.59 - 1.04
Sodium (mmol/L)	144.37	135 - 145
Potassium (mmol/L)	5.04	3.5 - 5.1
ALT (U/L)	23.28	7 - 56
AST (U/L)	15.08	10 - 40

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