

Medical Lab - Synthetic Blood Report

Report ID:	BR100150	Patient Name:	Amit Desai
Sex:	F	Age:	35
Report Date:	2024-12-30	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.67	12.0 - 16.0
RBC (10^6/µL)	4.24	3.5 - 5.5
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	294	150 - 400
Hematocrit (%)	44.2	36 - 46
MCV (fL)	72.8	80 - 100
MCH (pg)	27.96	27 - 32
MCHC (g/dL)	35.55	32 - 36
Neutrophils (%)	83.71	40 - 70
Lymphocytes (%)	22.95	20 - 40
Fasting Glucose (mg/dL)	88.64	70 - 99
Urea (mg/dL)	23.6	7 - 20
Creatinine (mg/dL)	0.83	0.59 - 1.04
Sodium (mmol/L)	135.34	135 - 145
Potassium (mmol/L)	4.89	3.5 - 5.1
ALT (U/L)	51.22	7 - 56
AST (U/L)	31.32	10 - 40

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