

# Medical Lab - Synthetic Blood Report

Report ID:	BR100713	Patient Name:	Anita Patel
Sex:	F	Age:	37
Report Date:	2025-03-20	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	11.6	12.0 - 16.0
RBC (10^6/ $\mu$ L)	6.62	3.5 - 5.5
WBC (10^3/ $\mu$ L)	10	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	342	150 - 400
Hematocrit (%)	37.39	36 - 46
MCV (fL)	98.78	80 - 100
MCH (pg)	29.64	27 - 32
MCHC (g/dL)	33.92	32 - 36
Neutrophils (%)	53.72	40 - 70
Lymphocytes (%)	40.28	20 - 40
Fasting Glucose (mg/dL)	121.2	70 - 99
Urea (mg/dL)	16.46	7 - 20
Creatinine (mg/dL)	0.76	0.59 - 1.04
Sodium (mmol/L)	137.32	135 - 145
Potassium (mmol/L)	3.65	3.5 - 5.1
ALT (U/L)	40.73	7 - 56
AST (U/L)	25.06	10 - 40

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