

# Medical Lab - Synthetic Blood Report

Report ID:	BR100488	Patient Name:	Anita Thomas
Sex:	F	Age:	18
Report Date:	2025-08-09	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	8.94	12.0 - 16.0
RBC (10^6/ $\mu$ L)	5.86	3.5 - 5.5
WBC (10^3/ $\mu$ L)	12	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	248	150 - 400
Hematocrit (%)	41.33	36 - 46
MCV (fL)	93.21	80 - 100
MCH (pg)	29.97	27 - 32
MCHC (g/dL)	33.35	32 - 36
Neutrophils (%)	40.95	40 - 70
Lymphocytes (%)	42.14	20 - 40
Fasting Glucose (mg/dL)	72.15	70 - 99
Urea (mg/dL)	8.05	7 - 20
Creatinine (mg/dL)	0.6	0.59 - 1.04
Sodium (mmol/L)	139.51	135 - 145
Potassium (mmol/L)	5.05	3.5 - 5.1
ALT (U/L)	47.64	7 - 56
AST (U/L)	11.32	10 - 40

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