

# Medical Lab - Synthetic Blood Report

Report ID:	BR100707	Patient Name:	Anita Bose
Sex:	F	Age:	32
Report Date:	2025-06-30	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.11	12.0 - 16.0
RBC (10^6/ $\mu$ L)	4.72	3.5 - 5.5
WBC (10^3/ $\mu$ L)	14	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	468	150 - 400
Hematocrit (%)	40.73	36 - 46
MCV (fL)	82.18	80 - 100
MCH (pg)	33.75	27 - 32
MCHC (g/dL)	34.89	32 - 36
Neutrophils (%)	59.55	40 - 70
Lymphocytes (%)	28.41	20 - 40
Fasting Glucose (mg/dL)	89.4	70 - 99
Urea (mg/dL)	18.19	7 - 20
Creatinine (mg/dL)	0.94	0.59 - 1.04
Sodium (mmol/L)	161.49	135 - 145
Potassium (mmol/L)	3.55	3.5 - 5.1
ALT (U/L)	6.09	7 - 56
AST (U/L)	17.84	10 - 40

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