

# Medical Lab - Synthetic Blood Report

Report ID:	BR100828	Patient Name:	Asha Bose
Sex:	M	Age:	18
Report Date:	2025-02-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.14	13.5 - 17.5
RBC (10^6/µL)	4.36	4.3 - 5.9
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	369	150 - 400
Hematocrit (%)	46.82	41 - 53
MCV (fL)	91.2	80 - 100
MCH (pg)	29.29	27 - 32
MCHC (g/dL)	39.49	32 - 36
Neutrophils (%)	44.32	40 - 70
Lymphocytes (%)	20.14	20 - 40
Fasting Glucose (mg/dL)	73.6	70 - 99
Urea (mg/dL)	13.61	7 - 20
Creatinine (mg/dL)	1.14	0.74 - 1.35
Sodium (mmol/L)	138.18	135 - 145
Potassium (mmol/L)	4.24	3.5 - 5.1
ALT (U/L)	27.41	7 - 56
AST (U/L)	22.8	10 - 40

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