

# Medical Lab - Synthetic Blood Report

Report ID:	BR100581	Patient Name:	Asha Joshi
Sex:	F	Age:	50
Report Date:	2024-11-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.93	12.0 - 16.0
RBC (10^6/µL)	3.71	3.5 - 5.5
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	308	150 - 400
Hematocrit (%)	42.34	36 - 46
MCV (fL)	90.98	80 - 100
MCH (pg)	30.27	27 - 32
MCHC (g/dL)	32.82	32 - 36
Neutrophils (%)	56.72	40 - 70
Lymphocytes (%)	36.48	20 - 40
Fasting Glucose (mg/dL)	95.19	70 - 99
Urea (mg/dL)	14.2	7 - 20
Creatinine (mg/dL)	1.01	0.59 - 1.04
Sodium (mmol/L)	137.59	135 - 145
Potassium (mmol/L)	3.99	3.5 - 5.1
ALT (U/L)	9.75	7 - 56
AST (U/L)	12.96	10 - 40

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