

# Medical Lab - Synthetic Blood Report

Report ID:	BR100764	Patient Name:	Asha Mehta
Sex:	F	Age:	22
Report Date:	2024-12-31	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.49	12.0 - 16.0
RBC (10^6/µL)	3.59	3.5 - 5.5
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	314	150 - 400
Hematocrit (%)	49.57	36 - 46
MCV (fL)	95.21	80 - 100
MCH (pg)	29.81	27 - 32
MCHC (g/dL)	33.26	32 - 36
Neutrophils (%)	68.69	40 - 70
Lymphocytes (%)	21.37	20 - 40
Fasting Glucose (mg/dL)	77.6	70 - 99
Urea (mg/dL)	17.07	7 - 20
Creatinine (mg/dL)	1.03	0.59 - 1.04
Sodium (mmol/L)	139.2	135 - 145
Potassium (mmol/L)	3.76	3.5 - 5.1
ALT (U/L)	55.85	7 - 56
AST (U/L)	30.76	10 - 40

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