

# Medical Lab - Synthetic Blood Report

Report ID:	BR100701	Patient Name:	Asha Mehta
Sex:	M	Age:	35
Report Date:	2025-06-10	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	19.9	13.5 - 17.5
RBC (10^6/µL)	7.19	4.3 - 5.9
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	247	150 - 400
Hematocrit (%)	48.67	41 - 53
MCV (fL)	93.43	80 - 100
MCH (pg)	29.44	27 - 32
MCHC (g/dL)	32.84	32 - 36
Neutrophils (%)	69.77	40 - 70
Lymphocytes (%)	29.48	20 - 40
Fasting Glucose (mg/dL)	87.67	70 - 99
Urea (mg/dL)	7.73	7 - 20
Creatinine (mg/dL)	0.98	0.74 - 1.35
Sodium (mmol/L)	137.1	135 - 145
Potassium (mmol/L)	4.31	3.5 - 5.1
ALT (U/L)	53.32	7 - 56
AST (U/L)	14.63	10 - 40

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