

# Medical Lab - Synthetic Blood Report

Report ID:	BR100153	Patient Name:	Asha Thomas
Sex:	M	Age:	43
Report Date:	2024-12-24	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	20.29	13.5 - 17.5
RBC (10^6/µL)	5.66	4.3 - 5.9
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	464	150 - 400
Hematocrit (%)	38.86	41 - 53
MCV (fL)	94.51	80 - 100
MCH (pg)	31.82	27 - 32
MCHC (g/dL)	32.9	32 - 36
Neutrophils (%)	47.31	40 - 70
Lymphocytes (%)	39.79	20 - 40
Fasting Glucose (mg/dL)	92.37	70 - 99
Urea (mg/dL)	17.83	7 - 20
Creatinine (mg/dL)	1.22	0.74 - 1.35
Sodium (mmol/L)	143.17	135 - 145
Potassium (mmol/L)	3.24	3.5 - 5.1
ALT (U/L)	27.45	7 - 56
AST (U/L)	34.48	10 - 40

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