

# Medical Lab - Synthetic Blood Report

Report ID:	BR100517	Patient Name:	Isha Thomas
Sex:	F	Age:	26
Report Date:	2025-03-04	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.73	12.0 - 16.0
RBC (10^6/μL)	3.65	3.5 - 5.5
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	178	150 - 400
Hematocrit (%)	39.62	36 - 46
MCV (fL)	92.33	80 - 100
MCH (pg)	28.94	27 - 32
MCHC (g/dL)	34.19	32 - 36
Neutrophils (%)	58.13	40 - 70
Lymphocytes (%)	42.42	20 - 40
Fasting Glucose (mg/dL)	70.81	70 - 99
Urea (mg/dL)	9.74	7 - 20
Creatinine (mg/dL)	0.83	0.59 - 1.04
Sodium (mmol/L)	140.75	135 - 145
Potassium (mmol/L)	4.44	3.5 - 5.1
ALT (U/L)	40.63	7 - 56
AST (U/L)	8.84	10 - 40

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