

# Medical Lab - Synthetic Blood Report

Report ID:	BR100524	Patient Name:	Aman Thomas
Sex:	F	Age:	19
Report Date:	2025-08-24	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.59	12.0 - 16.0
RBC (10^6/μL)	6.09	3.5 - 5.5
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	256	150 - 400
Hematocrit (%)	37.53	36 - 46
MCV (fL)	63.45	80 - 100
MCH (pg)	31.17	27 - 32
MCHC (g/dL)	34.77	32 - 36
Neutrophils (%)	63.08	40 - 70
Lymphocytes (%)	19.08	20 - 40
Fasting Glucose (mg/dL)	76.78	70 - 99
Urea (mg/dL)	24.73	7 - 20
Creatinine (mg/dL)	0.83	0.59 - 1.04
Sodium (mmol/L)	136.64	135 - 145
Potassium (mmol/L)	5.88	3.5 - 5.1
ALT (U/L)	8.78	7 - 56
AST (U/L)	7.82	10 - 40

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