

# Medical Lab - Synthetic Blood Report

Report ID:	BR100136	Patient Name:	Amit Thomas
Sex:	F	Age:	76
Report Date:	2024-10-19	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.08	12.0 - 16.0
RBC (10^6/μL)	5.37	3.5 - 5.5
WBC (10^3/μL)	5	4.5 - 11.0
Platelets (10^3/μL)	300	150 - 400
Hematocrit (%)	40.48	36 - 46
MCV (fL)	95.54	80 - 100
MCH (pg)	20.93	27 - 32
MCHC (g/dL)	32.82	32 - 36
Neutrophils (%)	51.03	40 - 70
Lymphocytes (%)	26.56	20 - 40
Fasting Glucose (mg/dL)	74.26	70 - 99
Urea (mg/dL)	14.81	7 - 20
Creatinine (mg/dL)	0.66	0.59 - 1.04
Sodium (mmol/L)	143.29	135 - 145
Potassium (mmol/L)	4.35	3.5 - 5.1
ALT (U/L)	26.2	7 - 56
AST (U/L)	8.01	10 - 40

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