

# Medical Lab - Synthetic Blood Report

Report ID:	BR100303	Patient Name:	Divya Thomas
Sex:	F	Age:	68
Report Date:	2025-06-02	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.4	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	3.61	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	7	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	152	150 - 400
Hematocrit (%)	45.15	36 - 46
MCV (fL)	93.52	80 - 100
MCH (pg)	27.78	27 - 32
MCHC (g/dL)	34.95	32 - 36
Neutrophils (%)	52.73	40 - 70
Lymphocytes (%)	14.34	20 - 40
Fasting Glucose (mg/dL)	73.39	70 - 99
Urea (mg/dL)	17.31	7 - 20
Creatinine (mg/dL)	0.75	0.59 - 1.04
Sodium (mmol/L)	136.31	135 - 145
Potassium (mmol/L)	4.92	3.5 - 5.1
ALT (U/L)	28.7	7 - 56
AST (U/L)	23.98	10 - 40

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