

# Medical Lab - Synthetic Blood Report

Report ID:	BR100380	Patient Name:	Sameer Thomas
Sex:	M	Age:	63
Report Date:	2025-02-21	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.26	13.5 - 17.5
RBC (10^6/ $\mu$ L)	4.33	4.3 - 5.9
WBC (10^3/ $\mu$ L)	6	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	268	150 - 400
Hematocrit (%)	30.28	41 - 53
MCV (fL)	88.65	80 - 100
MCH (pg)	30.69	27 - 32
MCHC (g/dL)	34.57	32 - 36
Neutrophils (%)	69.18	40 - 70
Lymphocytes (%)	44.78	20 - 40
Fasting Glucose (mg/dL)	88.17	70 - 99
Urea (mg/dL)	6.08	7 - 20
Creatinine (mg/dL)	1.13	0.74 - 1.35
Sodium (mmol/L)	180.22	135 - 145
Potassium (mmol/L)	4.21	3.5 - 5.1
ALT (U/L)	13.92	7 - 56
AST (U/L)	23.3	10 - 40

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