

# Medical Lab - Synthetic Blood Report

Report ID:	BR100656	Patient Name:	Sameer Thomas
Sex:	M	Age:	16
Report Date:	2025-06-18	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.77	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	4.61	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	14	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	270	150 - 400
Hematocrit (%)	48.66	41 - 53
MCV (fL)	89.3	80 - 100
MCH (pg)	30.55	27 - 32
MCHC (g/dL)	27.3	32 - 36
Neutrophils (%)	46.5	40 - 70
Lymphocytes (%)	24.15	20 - 40
Fasting Glucose (mg/dL)	60.3	70 - 99
Urea (mg/dL)	5.56	7 - 20
Creatinine (mg/dL)	1.15	0.74 - 1.35
Sodium (mmol/L)	142.21	135 - 145
Potassium (mmol/L)	4.96	3.5 - 5.1
ALT (U/L)	12.6	7 - 56
AST (U/L)	26.67	10 - 40

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