

# Medical Lab - Synthetic Blood Report

Report ID:	BR100446	Patient Name:	Siddharth Thomas
Sex:	M	Age:	26
Report Date:	2025-01-30	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.02	13.5 - 17.5
RBC (10^6/ $\mu$ L)	5.31	4.3 - 5.9
WBC (10^3/ $\mu$ L)	6	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	260	150 - 400
Hematocrit (%)	49.13	41 - 53
MCV (fL)	95.33	80 - 100
MCH (pg)	30.56	27 - 32
MCHC (g/dL)	32.32	32 - 36
Neutrophils (%)	55.04	40 - 70
Lymphocytes (%)	28.44	20 - 40
Fasting Glucose (mg/dL)	49.81	70 - 99
Urea (mg/dL)	11.91	7 - 20
Creatinine (mg/dL)	1.31	0.74 - 1.35
Sodium (mmol/L)	141.36	135 - 145
Potassium (mmol/L)	5.09	3.5 - 5.1
ALT (U/L)	12.18	7 - 56
AST (U/L)	20.37	10 - 40

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