

# Medical Lab - Synthetic Blood Report

Report ID:	BR100942	Patient Name:	Siddharth Thomas
Sex:	M	Age:	42
Report Date:	2024-11-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.57	13.5 - 17.5
RBC (10^6/µL)	6.18	4.3 - 5.9
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	228	150 - 400
Hematocrit (%)	52.53	41 - 53
MCV (fL)	91.68	80 - 100
MCH (pg)	30.29	27 - 32
MCHC (g/dL)	34.2	32 - 36
Neutrophils (%)	60.43	40 - 70
Lymphocytes (%)	35.97	20 - 40
Fasting Glucose (mg/dL)	89.46	70 - 99
Urea (mg/dL)	13.59	7 - 20
Creatinine (mg/dL)	1.12	0.74 - 1.35
Sodium (mmol/L)	143.53	135 - 145
Potassium (mmol/L)	2.65	3.5 - 5.1
ALT (U/L)	56.2	7 - 56
AST (U/L)	45.65	10 - 40

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