

Medical Lab - Synthetic Blood Report

Report ID:	BR100730	Patient Name:	Karan Thomas
Sex:	M	Age:	34
Report Date:	2025-01-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.28	13.5 - 17.5
RBC (10^6/μL)	4.27	4.3 - 5.9
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	261	150 - 400
Hematocrit (%)	49.91	41 - 53
MCV (fL)	58.01	80 - 100
MCH (pg)	28.62	27 - 32
MCHC (g/dL)	34.55	32 - 36
Neutrophils (%)	51.14	40 - 70
Lymphocytes (%)	33.69	20 - 40
Fasting Glucose (mg/dL)	92.79	70 - 99
Urea (mg/dL)	18.63	7 - 20
Creatinine (mg/dL)	0.84	0.74 - 1.35
Sodium (mmol/L)	118.75	135 - 145
Potassium (mmol/L)	4.66	3.5 - 5.1
ALT (U/L)	42.41	7 - 56
AST (U/L)	36.88	10 - 40

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