

# Medical Lab - Synthetic Blood Report

Report ID:	BR100468	Patient Name:	Karan Thomas
Sex:	M	Age:	41
Report Date:	2025-09-15	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.19	13.5 - 17.5
RBC (10^6/μL)	4.66	4.3 - 5.9
WBC (10^3/μL)	4	4.5 - 11.0
Platelets (10^3/μL)	484	150 - 400
Hematocrit (%)	30.44	41 - 53
MCV (fL)	81.97	80 - 100
MCH (pg)	29.09	27 - 32
MCHC (g/dL)	32.1	32 - 36
Neutrophils (%)	68.03	40 - 70
Lymphocytes (%)	27.63	20 - 40
Fasting Glucose (mg/dL)	72.8	70 - 99
Urea (mg/dL)	16.46	7 - 20
Creatinine (mg/dL)	0.55	0.74 - 1.35
Sodium (mmol/L)	139.42	135 - 145
Potassium (mmol/L)	4.03	3.5 - 5.1
ALT (U/L)	35.33	7 - 56
AST (U/L)	29.59	10 - 40

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