

Medical Lab - Synthetic Blood Report

Report ID:	BR100076	Patient Name:	Karan Thomas
Sex:	F	Age:	23
Report Date:	2024-12-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.47	12.0 - 16.0
RBC (10^6/μL)	3.51	3.5 - 5.5
WBC (10^3/μL)	10	4.5 - 11.0
Platelets (10^3/μL)	394	150 - 400
Hematocrit (%)	39.06	36 - 46
MCV (fL)	83.32	80 - 100
MCH (pg)	31.3	27 - 32
MCHC (g/dL)	33.63	32 - 36
Neutrophils (%)	61.02	40 - 70
Lymphocytes (%)	27.99	20 - 40
Fasting Glucose (mg/dL)	55.32	70 - 99
Urea (mg/dL)	14.62	7 - 20
Creatinine (mg/dL)	0.85	0.59 - 1.04
Sodium (mmol/L)	132.36	135 - 145
Potassium (mmol/L)	4.1	3.5 - 5.1
ALT (U/L)	20.12	7 - 56
AST (U/L)	37.23	10 - 40

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