

Medical Lab - Synthetic Blood Report

Report ID:	BR100440	Patient Name:	Karan Thomas
Sex:	F	Age:	23
Report Date:	2024-12-24	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.31	12.0 - 16.0
RBC (10^6/μL)	5.45	3.5 - 5.5
WBC (10^3/μL)	11	4.5 - 11.0
Platelets (10^3/μL)	211	150 - 400
Hematocrit (%)	45.81	36 - 46
MCV (fL)	95.03	80 - 100
MCH (pg)	40.15	27 - 32
MCHC (g/dL)	30.0	32 - 36
Neutrophils (%)	40.96	40 - 70
Lymphocytes (%)	39.58	20 - 40
Fasting Glucose (mg/dL)	72.21	70 - 99
Urea (mg/dL)	7.95	7 - 20
Creatinine (mg/dL)	0.96	0.59 - 1.04
Sodium (mmol/L)	141.69	135 - 145
Potassium (mmol/L)	4.33	3.5 - 5.1
ALT (U/L)	11.33	7 - 56
AST (U/L)	48.44	10 - 40

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