

Medical Lab - Synthetic Blood Report

Report ID:	BR100499	Patient Name:	Rohit Thomas
Sex:	F	Age:	28
Report Date:	2024-12-05	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.03	12.0 - 16.0
RBC (10^6/µL)	3.76	3.5 - 5.5
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	268	150 - 400
Hematocrit (%)	27.08	36 - 46
MCV (fL)	67.12	80 - 100
MCH (pg)	29.69	27 - 32
MCHC (g/dL)	33.95	32 - 36
Neutrophils (%)	37.04	40 - 70
Lymphocytes (%)	30.38	20 - 40
Fasting Glucose (mg/dL)	90.43	70 - 99
Urea (mg/dL)	16.19	7 - 20
Creatinine (mg/dL)	0.82	0.59 - 1.04
Sodium (mmol/L)	143.84	135 - 145
Potassium (mmol/L)	3.74	3.5 - 5.1
ALT (U/L)	31.75	7 - 56
AST (U/L)	17.47	10 - 40

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