

Medical Lab - Synthetic Blood Report

Report ID:	BR100077	Patient Name:	Isha Khan
Sex:	M	Age:	34
Report Date:	2024-12-29	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	21.78	13.5 - 17.5
RBC (10^6/μL)	5.0	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	358	150 - 400
Hematocrit (%)	44.91	41 - 53
MCV (fL)	86.15	80 - 100
MCH (pg)	20.41	27 - 32
MCHC (g/dL)	34.04	32 - 36
Neutrophils (%)	62.35	40 - 70
Lymphocytes (%)	32.12	20 - 40
Fasting Glucose (mg/dL)	70.61	70 - 99
Urea (mg/dL)	17.43	7 - 20
Creatinine (mg/dL)	1.2	0.74 - 1.35
Sodium (mmol/L)	143.01	135 - 145
Potassium (mmol/L)	3.99	3.5 - 5.1
ALT (U/L)	37.48	7 - 56
AST (U/L)	24.75	10 - 40

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