

Medical Lab - Synthetic Blood Report

Report ID:	BR100344	Patient Name:	Isha Khan
Sex:	F	Age:	30
Report Date:	2025-07-22	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.07	12.0 - 16.0
RBC (10^6/μL)	5.09	3.5 - 5.5
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	106	150 - 400
Hematocrit (%)	49.96	36 - 46
MCV (fL)	60.53	80 - 100
MCH (pg)	28.12	27 - 32
MCHC (g/dL)	35.83	32 - 36
Neutrophils (%)	82.03	40 - 70
Lymphocytes (%)	25.72	20 - 40
Fasting Glucose (mg/dL)	49.13	70 - 99
Urea (mg/dL)	19.66	7 - 20
Creatinine (mg/dL)	0.68	0.59 - 1.04
Sodium (mmol/L)	135.48	135 - 145
Potassium (mmol/L)	4.28	3.5 - 5.1
ALT (U/L)	6.14	7 - 56
AST (U/L)	10.34	10 - 40

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