

# Medical Lab - Synthetic Blood Report

Report ID:	BR100854	Patient Name:	Isha Khan
Sex:	M	Age:	18
Report Date:	2024-12-12	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.69	13.5 - 17.5
RBC (10^6/μL)	4.69	4.3 - 5.9
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	376	150 - 400
Hematocrit (%)	35.48	41 - 53
MCV (fL)	91.19	80 - 100
MCH (pg)	20.6	27 - 32
MCHC (g/dL)	33.02	32 - 36
Neutrophils (%)	46.54	40 - 70
Lymphocytes (%)	39.8	20 - 40
Fasting Glucose (mg/dL)	94.52	70 - 99
Urea (mg/dL)	19.28	7 - 20
Creatinine (mg/dL)	0.91	0.74 - 1.35
Sodium (mmol/L)	144.99	135 - 145
Potassium (mmol/L)	3.59	3.5 - 5.1
ALT (U/L)	52.66	7 - 56
AST (U/L)	39.83	10 - 40

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