

# Medical Lab - Synthetic Blood Report

Report ID:	BR100523	Patient Name:	Isha Singh
Sex:	F	Age:	65
Report Date:	2025-05-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.04	12.0 - 16.0
RBC (10^6/µL)	5.36	3.5 - 5.5
WBC (10^3/µL)	3	4.5 - 11.0
Platelets (10^3/µL)	406	150 - 400
Hematocrit (%)	41.7	36 - 46
MCV (fL)	81.62	80 - 100
MCH (pg)	41.32	27 - 32
MCHC (g/dL)	32.7	32 - 36
Neutrophils (%)	47.1	40 - 70
Lymphocytes (%)	35.26	20 - 40
Fasting Glucose (mg/dL)	92.32	70 - 99
Urea (mg/dL)	20.54	7 - 20
Creatinine (mg/dL)	0.78	0.59 - 1.04
Sodium (mmol/L)	140.14	135 - 145
Potassium (mmol/L)	4.5	3.5 - 5.1
ALT (U/L)	28.56	7 - 56
AST (U/L)	34.54	10 - 40

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