

# Medical Lab - Synthetic Blood Report

Report ID:	BR100797	Patient Name:	Siddharth Jain
Sex:	F	Age:	47
Report Date:	2024-10-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.89	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	3.54	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	8	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	366	150 - 400
Hematocrit (%)	43.12	36 - 46
MCV (fL)	122.81	80 - 100
MCH (pg)	30.31	27 - 32
MCHC (g/dL)	35.07	32 - 36
Neutrophils (%)	55.4	40 - 70
Lymphocytes (%)	30.74	20 - 40
Fasting Glucose (mg/dL)	89.74	70 - 99
Urea (mg/dL)	17.2	7 - 20
Creatinine (mg/dL)	0.72	0.59 - 1.04
Sodium (mmol/L)	143.0	135 - 145
Potassium (mmol/L)	5.08	3.5 - 5.1
ALT (U/L)	39.88	7 - 56
AST (U/L)	21.46	10 - 40

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