

Medical Lab - Synthetic Blood Report

Report ID:	BR100718	Patient Name:	Siddharth Singh
Sex:	F	Age:	19
Report Date:	2024-10-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	19.35	12.0 - 16.0
RBC (10 ⁶ /μL)	4.45	3.5 - 5.5
WBC (10 ³ /μL)	9	4.5 - 11.0
Platelets (10 ³ /μL)	188	150 - 400
Hematocrit (%)	44.31	36 - 46
MCV (fL)	88.25	80 - 100
MCH (pg)	27.5	27 - 32
MCHC (g/dL)	34.93	32 - 36
Neutrophils (%)	65.64	40 - 70
Lymphocytes (%)	33.0	20 - 40
Fasting Glucose (mg/dL)	71.54	70 - 99
Urea (mg/dL)	6.16	7 - 20
Creatinine (mg/dL)	0.6	0.59 - 1.04
Sodium (mmol/L)	142.59	135 - 145
Potassium (mmol/L)	4.26	3.5 - 5.1
ALT (U/L)	53.59	7 - 56
AST (U/L)	17.97	10 - 40

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