

Medical Lab - Synthetic Blood Report

Report ID:	BR100706	Patient Name:	Sameer Sharma
Sex:	F	Age:	13
Report Date:	2024-11-14	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.51	12.0 - 16.0
RBC (10^6/µL)	4.95	3.5 - 5.5
WBC (10^3/µL)	14	4.5 - 11.0
Platelets (10^3/µL)	152	150 - 400
Hematocrit (%)	40.78	36 - 46
MCV (fL)	93.3	80 - 100
MCH (pg)	31.63	27 - 32
MCHC (g/dL)	35.16	32 - 36
Neutrophils (%)	52.09	40 - 70
Lymphocytes (%)	29.98	20 - 40
Fasting Glucose (mg/dL)	85.74	70 - 99
Urea (mg/dL)	13.8	7 - 20
Creatinine (mg/dL)	0.59	0.59 - 1.04
Sodium (mmol/L)	107.4	135 - 145
Potassium (mmol/L)	3.72	3.5 - 5.1
ALT (U/L)	15.07	7 - 56
AST (U/L)	10.19	10 - 40

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