

Medical Lab - Synthetic Blood Report

Report ID:	BR100250	Patient Name:	Riya Singh
Sex:	F	Age:	11
Report Date:	2024-10-27	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.45	12.0 - 16.0
RBC (10^6/µL)	3.5	3.5 - 5.5
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	277	150 - 400
Hematocrit (%)	51.46	36 - 46
MCV (fL)	97.98	80 - 100
MCH (pg)	27.96	27 - 32
MCHC (g/dL)	33.7	32 - 36
Neutrophils (%)	54.42	40 - 70
Lymphocytes (%)	31.69	20 - 40
Fasting Glucose (mg/dL)	81.67	70 - 99
Urea (mg/dL)	6.17	7 - 20
Creatinine (mg/dL)	0.93	0.59 - 1.04
Sodium (mmol/L)	144.04	135 - 145
Potassium (mmol/L)	4.54	3.5 - 5.1
ALT (U/L)	5.84	7 - 56
AST (U/L)	32.49	10 - 40

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