

# Medical Lab - Synthetic Blood Report

Report ID:	BR100360	Patient Name:	Karan Iyer
Sex:	F	Age:	10
Report Date:	2025-09-25	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	19.15	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	3.72	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	13	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	349	150 - 400
Hematocrit (%)	51.69	36 - 46
MCV (fL)	59.93	80 - 100
MCH (pg)	31.68	27 - 32
MCHC (g/dL)	44.38	32 - 36
Neutrophils (%)	50.76	40 - 70
Lymphocytes (%)	33.72	20 - 40
Fasting Glucose (mg/dL)	97.48	70 - 99
Urea (mg/dL)	14.08	7 - 20
Creatinine (mg/dL)	0.75	0.59 - 1.04
Sodium (mmol/L)	135.41	135 - 145
Potassium (mmol/L)	3.79	3.5 - 5.1
ALT (U/L)	20.32	7 - 56
AST (U/L)	17.78	10 - 40

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