

# Medical Lab - Synthetic Blood Report

Report ID:	BR100362	Patient Name:	Kavya Joshi
Sex:	F	Age:	8
Report Date:	2024-10-29	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.4	12.0 - 16.0
RBC (10^6/µL)	3.64	3.5 - 5.5
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	308	150 - 400
Hematocrit (%)	45.72	36 - 46
MCV (fL)	92.9	80 - 100
MCH (pg)	28.75	27 - 32
MCHC (g/dL)	30.85	32 - 36
Neutrophils (%)	40.32	40 - 70
Lymphocytes (%)	33.55	20 - 40
Fasting Glucose (mg/dL)	92.56	70 - 99
Urea (mg/dL)	18.52	7 - 20
Creatinine (mg/dL)	0.47	0.59 - 1.04
Sodium (mmol/L)	137.13	135 - 145
Potassium (mmol/L)	4.38	3.5 - 5.1
ALT (U/L)	33.4	7 - 56
AST (U/L)	35.62	10 - 40

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