

# Medical Lab - Synthetic Blood Report

Report ID:	BR100510	Patient Name:	Kavya Nair
Sex:	F	Age:	6
Report Date:	2025-04-24	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.92	12.0 - 16.0
RBC (10^6/ $\mu$ L)	5.36	3.5 - 5.5
WBC (10^3/ $\mu$ L)	7	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	252	150 - 400
Hematocrit (%)	37.69	36 - 46
MCV (fL)	88.37	80 - 100
MCH (pg)	31.87	27 - 32
MCHC (g/dL)	33.14	32 - 36
Neutrophils (%)	28.28	40 - 70
Lymphocytes (%)	33.72	20 - 40
Fasting Glucose (mg/dL)	85.48	70 - 99
Urea (mg/dL)	19.42	7 - 20
Creatinine (mg/dL)	0.79	0.59 - 1.04
Sodium (mmol/L)	142.02	135 - 145
Potassium (mmol/L)	4.78	3.5 - 5.1
ALT (U/L)	11.62	7 - 56
AST (U/L)	13.19	10 - 40

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