

# Medical Lab - Synthetic Blood Report

Report ID:	BR100609	Patient Name:	Karan Nair
Sex:	F	Age:	5
Report Date:	2024-12-14	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.6	12.0 - 16.0
RBC (10^6/μL)	2.85	3.5 - 5.5
WBC (10^3/μL)	11	4.5 - 11.0
Platelets (10^3/μL)	303	150 - 400
Hematocrit (%)	42.42	36 - 46
MCV (fL)	91.72	80 - 100
MCH (pg)	30.72	27 - 32
MCHC (g/dL)	33.86	32 - 36
Neutrophils (%)	43.68	40 - 70
Lymphocytes (%)	35.8	20 - 40
Fasting Glucose (mg/dL)	81.48	70 - 99
Urea (mg/dL)	16.96	7 - 20
Creatinine (mg/dL)	0.47	0.59 - 1.04
Sodium (mmol/L)	135.86	135 - 145
Potassium (mmol/L)	4.65	3.5 - 5.1
ALT (U/L)	55.65	7 - 56
AST (U/L)	27.63	10 - 40

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