

# Medical Lab - Synthetic Blood Report

Report ID:	BR100170	Patient Name:	Arjun Kapoor
Sex:	M	Age:	8
Report Date:	2025-09-28	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.1	13.5 - 17.5
RBC (10^6/µL)	4.96	4.3 - 5.9
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	161	150 - 400
Hematocrit (%)	44.89	41 - 53
MCV (fL)	65.74	80 - 100
MCH (pg)	27.92	27 - 32
MCHC (g/dL)	32.78	32 - 36
Neutrophils (%)	44.26	40 - 70
Lymphocytes (%)	29.55	20 - 40
Fasting Glucose (mg/dL)	93.09	70 - 99
Urea (mg/dL)	7.44	7 - 20
Creatinine (mg/dL)	0.91	0.74 - 1.35
Sodium (mmol/L)	138.48	135 - 145
Potassium (mmol/L)	4.32	3.5 - 5.1
ALT (U/L)	49.1	7 - 56
AST (U/L)	29.84	10 - 40

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