

# Medical Lab - Synthetic Blood Report

Report ID:	BR100507	Patient Name:	Amit Patel
Sex:	M	Age:	6
Report Date:	2025-01-29	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.36	13.5 - 17.5
RBC (10^6/μL)	4.88	4.3 - 5.9
WBC (10^3/μL)	4	4.5 - 11.0
Platelets (10^3/μL)	375	150 - 400
Hematocrit (%)	47.25	41 - 53
MCV (fL)	86.43	80 - 100
MCH (pg)	29.58	27 - 32
MCHC (g/dL)	40.57	32 - 36
Neutrophils (%)	76.62	40 - 70
Lymphocytes (%)	24.98	20 - 40
Fasting Glucose (mg/dL)	84.99	70 - 99
Urea (mg/dL)	16.05	7 - 20
Creatinine (mg/dL)	0.59	0.74 - 1.35
Sodium (mmol/L)	142.86	135 - 145
Potassium (mmol/L)	4.82	3.5 - 5.1
ALT (U/L)	33.49	7 - 56
AST (U/L)	23.38	10 - 40

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