

# Medical Lab - Synthetic Blood Report

Report ID:	BR100814	Patient Name:	Rahul Reddy
Sex:	M	Age:	6
Report Date:	2024-11-02	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.48	13.5 - 17.5
RBC (10^6/μL)	4.78	4.3 - 5.9
WBC (10^3/μL)	10	4.5 - 11.0
Platelets (10^3/μL)	266	150 - 400
Hematocrit (%)	51.95	41 - 53
MCV (fL)	88.49	80 - 100
MCH (pg)	31.69	27 - 32
MCHC (g/dL)	32.64	32 - 36
Neutrophils (%)	77.59	40 - 70
Lymphocytes (%)	43.38	20 - 40
Fasting Glucose (mg/dL)	61.95	70 - 99
Urea (mg/dL)	8.59	7 - 20
Creatinine (mg/dL)	1.3	0.74 - 1.35
Sodium (mmol/L)	139.29	135 - 145
Potassium (mmol/L)	4.22	3.5 - 5.1
ALT (U/L)	36.92	7 - 56
AST (U/L)	16.1	10 - 40

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