

# Medical Lab - Synthetic Blood Report

Report ID:	BR100011	Patient Name:	Riya Gupta
Sex:	M	Age:	5
Report Date:	2025-07-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.82	13.5 - 17.5
RBC (10^6/μL)	7.09	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	489	150 - 400
Hematocrit (%)	58.64	41 - 53
MCV (fL)	86.84	80 - 100
MCH (pg)	27.98	27 - 32
MCHC (g/dL)	32.28	32 - 36
Neutrophils (%)	54.18	40 - 70
Lymphocytes (%)	31.15	20 - 40
Fasting Glucose (mg/dL)	52.08	70 - 99
Urea (mg/dL)	8.77	7 - 20
Creatinine (mg/dL)	1.08	0.74 - 1.35
Sodium (mmol/L)	144.37	135 - 145
Potassium (mmol/L)	4.62	3.5 - 5.1
ALT (U/L)	25.06	7 - 56
AST (U/L)	16.07	10 - 40

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