

# Medical Lab - Synthetic Blood Report

Report ID:	BR100536	Patient Name:	Riya Chaudhary
Sex:	M	Age:	3
Report Date:	2025-03-03	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	10.4	13.5 - 17.5
RBC (10^6/ $\mu$ L)	4.79	4.3 - 5.9
WBC (10^3/ $\mu$ L)	8	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	372	150 - 400
Hematocrit (%)	34.93	41 - 53
MCV (fL)	93.93	80 - 100
MCH (pg)	29.9	27 - 32
MCHC (g/dL)	33.93	32 - 36
Neutrophils (%)	59.61	40 - 70
Lymphocytes (%)	25.83	20 - 40
Fasting Glucose (mg/dL)	76.05	70 - 99
Urea (mg/dL)	6.4	7 - 20
Creatinine (mg/dL)	1.12	0.74 - 1.35
Sodium (mmol/L)	139.99	135 - 145
Potassium (mmol/L)	4.97	3.5 - 5.1
ALT (U/L)	17.41	7 - 56
AST (U/L)	24.5	10 - 40

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