

Medical Lab - Synthetic Blood Report

Report ID:	BR100618	Patient Name:	Rahul Iyer
Sex:	M	Age:	8
Report Date:	2024-10-15	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.82	13.5 - 17.5
RBC (10^6/µL)	4.32	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	334	150 - 400
Hematocrit (%)	32.27	41 - 53
MCV (fL)	96.89	80 - 100
MCH (pg)	28.26	27 - 32
MCHC (g/dL)	33.16	32 - 36
Neutrophils (%)	67.38	40 - 70
Lymphocytes (%)	20.87	20 - 40
Fasting Glucose (mg/dL)	105.85	70 - 99
Urea (mg/dL)	8.88	7 - 20
Creatinine (mg/dL)	0.91	0.74 - 1.35
Sodium (mmol/L)	135.16	135 - 145
Potassium (mmol/L)	3.17	3.5 - 5.1
ALT (U/L)	11.82	7 - 56
AST (U/L)	42.24	10 - 40

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