

Medical Lab - Synthetic Blood Report

Report ID:	BR100125	Patient Name:	Arjun Mehta
Sex:	M	Age:	5
Report Date:	2025-06-16	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.07	13.5 - 17.5
RBC (10^6/μL)	4.98	4.3 - 5.9
WBC (10^3/μL)	13	4.5 - 11.0
Platelets (10^3/μL)	314	150 - 400
Hematocrit (%)	43.42	41 - 53
MCV (fL)	91.28	80 - 100
MCH (pg)	28.25	27 - 32
MCHC (g/dL)	34.09	32 - 36
Neutrophils (%)	43.85	40 - 70
Lymphocytes (%)	51.57	20 - 40
Fasting Glucose (mg/dL)	61.53	70 - 99
Urea (mg/dL)	14.68	7 - 20
Creatinine (mg/dL)	0.87	0.74 - 1.35
Sodium (mmol/L)	188.17	135 - 145
Potassium (mmol/L)	5.04	3.5 - 5.1
ALT (U/L)	44.32	7 - 56
AST (U/L)	11.51	10 - 40

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