

# Medical Lab - Synthetic Blood Report

Report ID:	BR100240	Patient Name:	Arjun Desai
Sex:	M	Age:	6
Report Date:	2024-10-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.46	13.5 - 17.5
RBC (10^6/µL)	5.34	4.3 - 5.9
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	266	150 - 400
Hematocrit (%)	51.26	41 - 53
MCV (fL)	97.33	80 - 100
MCH (pg)	28.57	27 - 32
MCHC (g/dL)	35.33	32 - 36
Neutrophils (%)	68.25	40 - 70
Lymphocytes (%)	25.64	20 - 40
Fasting Glucose (mg/dL)	93.18	70 - 99
Urea (mg/dL)	10.0	7 - 20
Creatinine (mg/dL)	1.06	0.74 - 1.35
Sodium (mmol/L)	139.47	135 - 145
Potassium (mmol/L)	3.98	3.5 - 5.1
ALT (U/L)	18.91	7 - 56
AST (U/L)	14.07	10 - 40

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