

Medical Lab - Synthetic Blood Report

Report ID:	BR100554	Patient Name:	Arjun Gupta
Sex:	M	Age:	39
Report Date:	2024-11-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.38	13.5 - 17.5
RBC (10^6/μL)	5.49	4.3 - 5.9
WBC (10^3/μL)	11	4.5 - 11.0
Platelets (10^3/μL)	292	150 - 400
Hematocrit (%)	51.78	41 - 53
MCV (fL)	84.64	80 - 100
MCH (pg)	27.82	27 - 32
MCHC (g/dL)	33.44	32 - 36
Neutrophils (%)	54.23	40 - 70
Lymphocytes (%)	36.1	20 - 40
Fasting Glucose (mg/dL)	92.68	70 - 99
Urea (mg/dL)	16.66	7 - 20
Creatinine (mg/dL)	0.77	0.74 - 1.35
Sodium (mmol/L)	117.64	135 - 145
Potassium (mmol/L)	4.22	3.5 - 5.1
ALT (U/L)	6.51	7 - 56
AST (U/L)	8.77	10 - 40

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