

Medical Lab - Synthetic Blood Report

Report ID:	BR100159	Patient Name:	Arjun Desai
Sex:	F	Age:	78
Report Date:	2024-12-10	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.34	12.0 - 16.0
RBC (10 ⁶ /μL)	3.83	3.5 - 5.5
WBC (10 ³ /μL)	8	4.5 - 11.0
Platelets (10 ³ /μL)	221	150 - 400
Hematocrit (%)	36.97	36 - 46
MCV (fL)	86.67	80 - 100
MCH (pg)	28.35	27 - 32
MCHC (g/dL)	34.46	32 - 36
Neutrophils (%)	55.5	40 - 70
Lymphocytes (%)	37.76	20 - 40
Fasting Glucose (mg/dL)	79.02	70 - 99
Urea (mg/dL)	15.32	7 - 20
Creatinine (mg/dL)	0.67	0.59 - 1.04
Sodium (mmol/L)	138.93	135 - 145
Potassium (mmol/L)	4.6	3.5 - 5.1
ALT (U/L)	47.92	7 - 56
AST (U/L)	44.18	10 - 40

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