

Medical Lab - Synthetic Blood Report

Report ID:	BR100162	Patient Name:	Karan Patel
Sex:	M	Age:	64
Report Date:	2024-11-16	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.48	13.5 - 17.5
RBC (10^6/µL)	5.72	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	265	150 - 400
Hematocrit (%)	42.76	41 - 53
MCV (fL)	85.99	80 - 100
MCH (pg)	19.83	27 - 32
MCHC (g/dL)	35.87	32 - 36
Neutrophils (%)	42.98	40 - 70
Lymphocytes (%)	41.29	20 - 40
Fasting Glucose (mg/dL)	82.25	70 - 99
Urea (mg/dL)	8.13	7 - 20
Creatinine (mg/dL)	1.13	0.74 - 1.35
Sodium (mmol/L)	136.74	135 - 145
Potassium (mmol/L)	2.94	3.5 - 5.1
ALT (U/L)	6.44	7 - 56
AST (U/L)	39.11	10 - 40

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