

Medical Lab - Synthetic Blood Report

Report ID:	BR100566	Patient Name:	Pooja Kumar
Sex:	M	Age:	45
Report Date:	2024-12-30	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.44	13.5 - 17.5
RBC (10^6/μL)	5.11	4.3 - 5.9
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	408	150 - 400
Hematocrit (%)	42.67	41 - 53
MCV (fL)	97.31	80 - 100
MCH (pg)	27.39	27 - 32
MCHC (g/dL)	35.38	32 - 36
Neutrophils (%)	54.1	40 - 70
Lymphocytes (%)	27.85	20 - 40
Fasting Glucose (mg/dL)	74.42	70 - 99
Urea (mg/dL)	12.18	7 - 20
Creatinine (mg/dL)	0.88	0.74 - 1.35
Sodium (mmol/L)	137.07	135 - 145
Potassium (mmol/L)	4.56	3.5 - 5.1
ALT (U/L)	28.7	7 - 56
AST (U/L)	26.35	10 - 40

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