

Medical Lab - Synthetic Blood Report

Report ID:	BR100413	Patient Name:	Riya Sharma
Sex:	M	Age:	31
Report Date:	2024-10-09	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.83	13.5 - 17.5
RBC (10^6/µL)	5.4	4.3 - 5.9
WBC (10^3/µL)	14	4.5 - 11.0
Platelets (10^3/µL)	317	150 - 400
Hematocrit (%)	52.42	41 - 53
MCV (fL)	98.27	80 - 100
MCH (pg)	29.28	27 - 32
MCHC (g/dL)	33.84	32 - 36
Neutrophils (%)	67.32	40 - 70
Lymphocytes (%)	36.22	20 - 40
Fasting Glucose (mg/dL)	89.41	70 - 99
Urea (mg/dL)	10.12	7 - 20
Creatinine (mg/dL)	1.19	0.74 - 1.35
Sodium (mmol/L)	111.47	135 - 145
Potassium (mmol/L)	4.06	3.5 - 5.1
ALT (U/L)	39.62	7 - 56
AST (U/L)	16.08	10 - 40

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