

Medical Lab - Synthetic Blood Report

Report ID:	BR100716	Patient Name:	Rahul Thomas
Sex:	M	Age:	30
Report Date:	2024-10-21	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	11.42	13.5 - 17.5
RBC (10^6/µL)	5.43	4.3 - 5.9
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	188	150 - 400
Hematocrit (%)	51.8	41 - 53
MCV (fL)	89.27	80 - 100
MCH (pg)	23.36	27 - 32
MCHC (g/dL)	32.16	32 - 36
Neutrophils (%)	61.13	40 - 70
Lymphocytes (%)	39.34	20 - 40
Fasting Glucose (mg/dL)	107.58	70 - 99
Urea (mg/dL)	14.88	7 - 20
Creatinine (mg/dL)	1.3	0.74 - 1.35
Sodium (mmol/L)	138.08	135 - 145
Potassium (mmol/L)	3.89	3.5 - 5.1
ALT (U/L)	44.22	7 - 56
AST (U/L)	19.08	10 - 40

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