

Comprehensive Health Report

Patient Name: Alex Morgan

Patient ID: 456789

Date: 2024-05-15

Basic Metabolic Panel

Sodium	139	135 - 145 mmol/L
Potassium	4.3	3.5 - 5.1 mmol/L
Chloride	101	98 - 107 mmol/L
CO2	24	22 - 29 mmol/L
BUN	15	7 - 20 mg/dL
Creatinine	1.0	0.6 - 1.2 mg/dL
Glucose (Fasting)	90	70 - 99 mg/dL
Calcium	9.1	8.6 - 10.3 mg/dL

Liver Function Tests

AST (SGOT)	20	10 - 40 U/L
ALT (SGPT)	23	7 - 56 U/L
Alkaline Phosphatase	68	44 - 147 U/L
Total Bilirubin	0.7	0.2 - 1.2 mg/dL
Albumin	4.2	3.5 - 5.0 g/dL
Total Protein	7.2	6.0 - 8.3 g/dL

Complete Blood Count (CBC)

WBC	6.2	4.0 - 11.0 x10 ³ /uL
RBC	4.9	4.2 - 5.9 x10 ⁶ /uL
Hemoglobin	14.3	13.5 - 17.5 g/dL
Hematocrit	43.1	38.8 - 50.0 %
Platelets	240	150 - 400 x10 ³ /uL

Lipid Panel

Total Cholesterol	195	< 200 mg/dL
HDL	52	> 40 mg/dL
LDL	110	< 100 mg/dL
Triglycerides	140	< 150 mg/dL

Thyroid and Endocrine

TSH	2.5	0.4 - 4.0 mIU/L
Free T4	1.1	0.8 - 1.8 ng/dL
Hemoglobin A1C	5.4	< 5.7 %

Interpretation: All lab values within normal range.

Recommendations: Maintain current health regimen.