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## Comprehensive Metabolic Panel

Test	Result	Normal Range	Comments
Sodium	140 mmol/L	136 - 145 mmol/L	Normal
Potassium	4.1 mmol/L	3.5 - 5.1 mmol/L	Normal
Chloride	102 mmol/L	98 - 107 mmol/L	Normal
CO <sub>2</sub> , Total	24 mmol/L	20 - 31 mmol/L	Normal
Anion Gap	12 mmol/L	5 - 16 mmol/L	Normal
Glucose	115 mg/dL	74 - 106 mg/dL	Slightly High
Calcium	9.3 mg/dL	8.7 - 10.4 mg/dL	Normal
BUN (Blood Urea Nitrogen)	15 mg/dL	9 - 23 mg/dL	Normal
Creatinine	0.85 mg/dL	0.6 - 1.1 mg/dL	Normal
BUN/Creatinine Ratio	17.6	7 - 24	Normal
GFR (if African American)	110 mL/min	≥60 mL/min/1.73m <sup>2</sup>	Normal
Osmolality, Calculated	290 mOsm/K	275 - 295 mOsm/K	Normal
Protein, Total	7.3 g/dL	5.7 - 8.2 g/dL	Normal
Albumin	4.2 g/dL	3.2 - 4.8 g/dL	Normal
Globulin	3.1 g/dL	1.8 - 3.5 g/dL	Normal
A/G Ratio	1.4	No normal value	Normal
Bilirubin, Total	0.5 mg/dL	≤1.2 mg/dL	Normal
Alkaline Phosphatase	70 IU/L	46 - 116 IU/L	Normal
ALT (SGPT)	35 U/L	7 - 40 U/L	Normal
AST (SGOT)	42 U/L	13 - 40 U/L	Slightly High

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**Hemolysis Index:** No significant hemolysis detected

**Sample:** Uncompromised

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**Notes:**

- **Glucose** level is slightly elevated, recommend follow-up testing if concerned about prediabetes or other conditions.
- **AST** and **ALT** are slightly elevated, which could indicate liver stress; suggest monitoring over time.
- The sample showed no significant hemolysis, ensuring reliable results.