

# Glucogen

Professional Formulation



90 Capsules

**Glucogen** was designed to support patients who suffer from chronic blood sugar instability. Many patients describe symptoms such as fatigue, irritability, and unpredictable glucose control, which all blend together to create the perfect storm for those dealing with autoimmune conditions, trophic disturbances, and a wide variety of inflammatory problems. A common challenge for practitioners working with these patients is the delicate balance required between too little and too much support.

**Glucogen** offers practitioners the ability to use targeted dosing strategies while still providing predictable therapeutic outcomes. Our ideal blend of both L-Carnitine and Acetyl-L-Carnitine with Licorice Root Extract and Nicotinamide Riboside give the provider a tool that can be dosed aggressively when needed, and lightly when a more artful touch is required.

**Glucogen contains a 990mg Carnitine** blend that is employed to support healthy levels of insulin sensitivity while promoting proper blood sugar balance.<sup>1,2,3</sup> The condition known as hypoglycemia, widely thought to be subjective, is often related to cellular levels of glucose uptake being functionally sluggish or, stated another way, normo-glycemic insulin resistance.

**Carnitine** in its various forms can also promote proper function by enhancing fatty acid uptake into the mitochondria for beta-oxidation ("fat burning" or turning fatty acids into ATP.) This is

a critical step in stimulating gluconeogenesis, the process by which the liver makes new glucose to keep serum glucose levels stable during times of fasting.

**Glucogen utilizes Licorice Root Extract** which has been shown to support patients with adrenal stress mechanisms, thereby supporting proper blood glucose control and blood pressure regulatory mechanisms.<sup>4,8</sup> It accomplishes this by supporting the increase of cortisol, which promotes an increase in glucose.

**Nicotinamide Riboside** promotes an increase in NAD<sup>+</sup>,<sup>7,8</sup> thereby increasing cellular energy production and ideal blood glucose balance. Studies have demonstrated that increased levels of NAD<sup>+</sup> play a role in preventing age-related health decline, improving blood sugar and cholesterol, and reducing nerve damage due to chronic disease.

### Formula Benefits:

- Enhance cellular uptake of glucose
- Promote proper insulin sensitivity
- Support healthy metabolism
- Enhance gluconeogenesis while fasting

## Supplement Facts

Serving Size: 2 Capsules  
Servings per Container: 45

|                       | Amount per capsule | % Daily Value |
|-----------------------|--------------------|---------------|
| Calories              | 0                  |               |
| Total Fat             | 0                  |               |
| Total Carbohydrate    | 0 g                | **            |
| Dietary Fiber         | 0 g                | **            |
| Sugars                | 0 g                |               |
| L-Carnitine           | 660 mg             | **            |
| Acetyl-L-Carnitine    | 330 mg             | **            |
| Licorice Root Extract | 170 mg             | **            |
| Nicotinamide Riboside | 120 mg             | **            |

\*\* Daily Values are based on a 2,000 calorie diet. \*\*Daily Value (DV) not established.

**Other Ingredients:** Gelatin Capsule (Gelatin, Purified water), Magnesium Stearate, Silica.

**DOES NOT CONTAIN:** Sugar, wheat, casein, gluten, soy, milk, egg, yeast, preservatives, artificial flavorings, colorings, peanuts, corn, tree nuts or fish.



## References:

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