NutriDyn[®]

Gluco Support

Nutritional Support for Healthy Blood Sugar Levels⁺

NutriDyn's Gluco Support is a potent formula made with bioactive forms of chromium and vanadium for supporting healthy blood sugar, lipid levels, and energy production from carbohydrates.[•]

Read on to learn more about how Gluco Support works to support carbohydrate utilization and the cardiovascular system.^{+1,2}

How Gluco Support Works

Chromium is a trace biological mineral that appears to support carbohydrate metabolism, healthy serotonin levels, and serum cortisol levels, which are all positives when seeking proper energy production and appetite regulation.⁺ Many dietary supplements rely on subpar forms of chromium, such as chromium chloride.

Gluco Support contains chromium polynicotinate, as this form is highly bioavailable.⁴³ It is suggested that supplementation with chromium prior to consuming a carbohydrate-based meal may support healthy blood glucose levels.^{44,5}

Moreover, vanadium has similar effects in the human body, acting to support healthy blood sugar and blood lipid levels.^{46,7} It is suggested that vanadyl sulfate modifies proteins in skeletal muscle that are involved in insulin signaling, which in turn supports healthy blood sugar balance.⁴

Gluco Support Supplementation

Given the nature of both chromium and vanadium as biological trace minerals, supplementation can assist users in a multitude of ways.* These evidence-based benefits may include:

- Supports healthy blood sugar balance⁺
- Supports healthy blood lipid levels*
- Supports healthy appetite*



Form: 90 Capsules

Serving Size: 1 Capsule

Ingredients	Amount	% DV
Chromium (as chromium polynicotinate)	1 mg	2,857%
Vanadium (as vanadyl sulfate)	300 mcg	**

Other Ingredients:

Microcrystalline cellulose, hypromellose, vegetable stearic acid, vegetable magnesium stearate.

Directions:

Adults take one capsule daily as a dietary supplement, or as directed by your healthcare practitioner.

Caution: If you are pregnant, nursing, or taking medication, consult your healthcare practitioner before use. Keep out of reach of children.



These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.



References:

- 1. Komorowski JR, Tuzcu M, Sahin N, Juturu V, Orhan C, Ulas M, Sahin K. (2012). Chromium picolinate modulates serotonergic properties and carbohydrate metabolism in a rat model of diabetes. *Biol Trace Elem Res.* 149 (1):50-6.
- 2. Abraham AS, Brooks BA, Eylath U. (1992). The effects of chromium supplementation on serum glucose and lipids in patients with and without non-insulin-dependent diabetes. *Metabolism*, *41*:768-71.
- 3. Anderson, R. A. (1997). Chromium as an essential nutrient for humans. Regulatory toxicology and pharmacology, 26(1), S35-S41.
- 4. Althuis MD, Jordan NE, Ludington EA, Wittes JT. (2002). Glucose and insulin responses to dietary chromium supplements: a meta-analysis. *Am J Clin Nutr.* 76:148-55.
- Lee, N. A., & Reasner, C. A. (1994). Beneficial effect of chromium supplementation on serum triglyceride levels in NIDDM. Diabetes Care, 17(12),1449-1452.
- 6. Cusi K, Cukier S, DeFronzo RA, Torres M, Puchulu FM, Rdondo JC. (2002). Vanadyl sulfate improves hepatic and muscle insulin sensitivity in type 2 diabetes. J Clin Endocrinol Metab. 86(3):1410-1417.
- 7. Goldfine, A. B., Patti, M. E., Zuberi, L., Goldstein, B. J., LeBlanc, R., Landaker, E. J., ... & Kahn, C. R. (2000). Metabolic effects of vanadyl sulfate in humans with non-insulin-dependent diabetes mellitus: In vivo and in vitro studies. *Metabolism, 49*(3), 400-410.