

Diabetone Plus

Serving Size 3 capsules Servings Per Container 30

	Amount Per Serving
Biotin	12 mg
Chromium (polynicotinate)	1000 mcg
Fenugreek seed extract (Trigonella foenum-graecu 4:1)	300 mg
Gymnema leaf extract (Gymnema sylvestre 25%)	300 mg
Quercetin	200 mg
Bitter melon extract (Momordica charantia)	150 mg
Cinnamon Bark (Cinnamomum cassia 20:1)	100 mg
Inositol	60 mg
Alpha R-lipoic acid	50 mg
Rutin	50 mg
Bilberry extract (anthocyanosides 25%)	25 mg
Vanadium	25 mg
Banaba leaf (Lagerstroemia speciosa, corosol	24 mg ic acid 1%)

OTHER INGREDIENTS: Rice flour, cellulose, silica.

SUGGESTED USE: As a dietary supplement, take 1-2 capsules three times per day or as directed by your healthcare professional.

REFERENCES:

- 1. Zhang H, Osada K, Maebashi M, et al. A high biotin diet improves the impaired glucose tolerance of long-term spontaneously hyperglycemic rats with non-insulin –dependent diabetes mellitus. *J Nutr Sci Vitaminol.* 1996;42:517-526.
- 2. Schechter Y, Li J, Meyerovitch J, et al. Insulin-like actions of vanadate are mediated in an insulin-receptor-independent manner via non-receptor protein tyrosine kinases and protein phosphotyrosine phosphatases. *Mol Cell Biochem.* 1995;153:39-47
- 3. Boden G, Chen X, Ruiz J, et al. Effects of vanadyl sulfate on carbohydrate and lipid metabolism in patients with non-insulin-dependent diabetes mellitus. Metabolism 1996:45(9):1130-1135.
- 4. Linday LA. Trivalent chromium and the diabetes prevention program. *Med Hypotheses*. 1997;49:47-49.
- 5. Jacob S, Hennksen EJ, Schiemann AI, et al. Enhancement of glucose disposal in patients with type 2 diabetes by alpha-lipoic acid.

 Arzneimittelforshung. 1995;45(8):872-874.

DIABETONE PLUS

A COMPLETE HERBAL, VITAMIN, AND MINERAL PRODUCT TO SUPPORT HEALTHY BLOOD SUGAR METABOLISM

- Multifaceted nutritional support for healthy blood sugar regulation
- Promotes healthy metabolism

DIABETONE PLUS is a complete product that addresses blood sugar function and promotes healthy balance and regulation.

GYMNEMA SYLVESTRE is standardized for gymnemic acid content and has been shown to enhance pancreatic beta cell activity and reproduction. The result is improved endogenous insulin output.

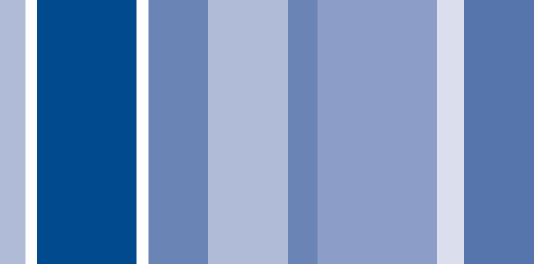
VANADIUM (VANADYL SULFATE) is a salt that has demonstrated insulin-like effects on glucose metabolism. Vanadium appears to enhance insulin receptors at tissue receptor sites. Vanadium improves insulin sensitivity in NIDDM patients.

CHROMIUM has been shown to enhance glucose metabolism and transport, and insulin responsiveness in skeletal muscle and fat cells. Beneficial effects have also been noted on the serum lipids, cholesterol, triglycerides, HDL cholesterol, and LDL cholesterol.

ALPHA R-LIPOIC ACID improves insulin resistance in NIDDM patients. Alpha Lipoic Acid favorably influences the glucose transport proteins GLUT1 and GLUT4, thereby nutritionally supporting uptake and utilization.

BIOTIN is a B vitamin shown to have insulin-like effects and enhances glucose uptake at the insulin receptor site.

FENUGREEK SEED AND MOMORDICA (CHARANTIN) are natural herbal concentrates that have demonstrated improved glucose tolerance and improved glycemic control. Both herbs have been shown to reduce elevated serum glucose levels.





- 6. Roeback JR Jr, Hla KM, Chambless L, Fletcher RH. Effects of chromium supplementation on serum high-density lipoprotein cholesterol levels in men taking beta-blockers. *Ann Intern Med.* 1991;115:917-924.
- 7. Anderson RA, Cheng N, Bryden NA, et al. Elevated intakes of supplemental chromium improve glucose and insulin variables in individuals with type 2 diabetes. *Diabetes*. 1997:46:1786-1791.
- 8. Krezowski PA, Nurrall FQ, Gannon, MC, Bartosh NH. The effect of protein ingestion on the metabolic response to oral glucose in normal individuals. *Am J Clin Nutr.* 1986;44:847-856.
- 9. Guevin N, Jacques H, Nadeau A, Galibors I. Postprandial glucose, insulin, and lipid responses to four meals containing unpurifies dietary fiber in non-insulin-dependent diabetes mellitus (NIDDM), hypertriglyceridemic subjects. *J Am Coll Nutr.* 1996;15(4):389-396.
- 10. Estrada DE, Ewart HS, Tsakiridis T, et al. Stimulation of glucose uptake by the natural coenzyme alph lipoic acid/thiotic acid. *Diabetes* 1996;45:1798-1804.
- 11. Evans Gw, Bowman TD. Chromium picolinate increases membrane fluidity and rate of insulin internalization. *J Inorg Biochem.* 1992;46:243-250.
- 12. French RJ, Jones PJH. Role of vanadium in nutrition: metabolism, essentiality and dietary considerations. *Life Sci.* 1993;52:339-346.
- 13. Fukushima M. et al Effect of corosolic acid on postchallenge plasma glucose levels. *Diabetes Res Clin Pract.* 2006 AUG;73(2):147-7
- 14. Judy WV et al. Antidiabetic activity of a standardized extract (Glucosol) from Lagerstroemia speciosa leavesin Type II diabetics. A dose dependant study. *J Ethnopharmacol.*2003 *JUL*;87(1):115-7
- 15. Fukushima M. et al Effect of corosolic acid on postchallenge plasma glucose levels. *Diabetes Res Clin Pract.* 2006 AUG;73(2):147-7
- 16. Mang B et al. Effects of a cinnamon extract on plasma glucose, HbA, and serum lipids in diabetes mellitus type 2. Eur J Clin invest. 2006 MAY; 36(5):340-4
- 17. Khan A. et al. Cinnamon improves glucose and lipids of people with type 2 diabetes. *Diabetes Care*.2003 DEC;26(12):3215-8

DIABETONE PLUS

INOSITOL acts as an activator of adenosine triphosphate (ATP) energy mechanisms. It is reported to aid in glycogen utilization, fat metabolism (lipotrophic effect), and oxidative phosphorylation. These actions benefit diabetics through enhanced glucose utilization, fat metabolism, and improved energy production through efficient ATP production.

QUERCETIN AND RUTIN are flavonoids that have been shown to act as antioxidants that protect lipids from oxidation (lipid peroxidation). They also quench the peroxide free radical. Mast cell stabilization and reduction of release of inflammatory mediators are also benefits of quercetin and rutin.

BILBERRY EXTRACT, with its anthocyanidin pigments, has been shown to protect delicate optic structures. Vaccinium extracts can help lower the risk of developing diabetic retinopathy and cataracts.

CINNAMON EXTRACT Many studies have shown that cinnamon extract may have positive effects on blood glucose and lipid levels of patients with insulin insensitivity. Cinnamon appears to slow the rate the stomach empties after carbohydrate-rich meals, leading to a reduction in blood sugar spikes. Cinnamon may also improve cellular insulin response. In addition, cinnamaldehyde, another component of cinnamon extract, has been documented as having anti-clotting activity.

COROSOLIC ACID is a substance extracted from the banaba leaf. Corosolic acid is known as an insulin-like principle because of its ability to assist in blood sugar regulation. It is believed that corosolic acid's positive effects on blood sugar are via facilitation of GLUT-4 translocation.

RECOMMENDED FOUNDATIONAL SUPPORT:

ULTRA GENESIS MULTIVITAMIN/MINERAL COMPLEX (WITH OR WITHOUT IRON)

It is recommended that all your patients be on a therapeutic balanced multivitamin/mineral supplement. With this in mind, we recommend Ultra Genesis. This multivitamin/mineral is rich in antioxidants, coenzyme B vitamins, and macro and microminerals chelated to the best mineral transporters for ease of absorption.

*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.