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.

**REFERENCES:**
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.