

# Diaplex®

## Facilitates Pancreas Function and Supports Healthy Cellular and Cardiovascular Functions

The ingredients in Diaplex work together to support the healthy function of the pancreas, maintain the cardiovascular system, and assist in proper carbohydrate and fat metabolism. Diaplex contains chromium III and niacin, two essential components of the Glucose Tolerance Factor (GTF), the complex directly responsible for proper insulin function. GTF helps maintain the proper shape of insulin molecules so that they can effectively transport glucose into the body's cells. Proper glucose transport is important to well-being and proper carbohydrate metabolism. Diaplex also assists pancreatic function by providing bovine glandulars that help support and maintain this vital organ. Cardiovascular function is supported by other Diaplex ingredients, including *Tillandsia usneoides*, which contains HMG (3-hydroxy-3-methylglutaric acid), a bioactive compound that supports arterial health by helping to maintain normal serum cholesterol levels in people with normal levels.†

### How Diaplex Keeps You Healthy

#### *Promotes healthy cellular function*

Chromium and nicotinic acid form the Glucose Tolerance Factor (GTF). Evidence from research suggests chromium and nicotinic acid interact synergistically to help maintain normal levels of blood sugar and fat in the body when accompanied by a healthy diet. Dietary chromium intake in the United States is said to be roughly half of the recommended minimum intake and this shortfall can be exacerbated by environmental stress. Diaplex helps maintain chromium and GTF levels to help the body maintain the proper level of insulin for proper carbohydrate, fat, and protein metabolism.†

Pancreas function is also supported by the glandulars in Diaplex, including bovine pancreas PMG™ extract, bovine pancreas Cytosol™ extract, bovine liver, bovine spleen Cytosol™ extract, bovine pituitary PMG™ extract, bovine kidney, bovine prostate, bovine adrenal Cytosol™ extract, and bovine liver fat extract. Protomorphogen™ and Cytosol™ extracts allow organs to support and maintain themselves against environmental stress by providing organ-specific proteins. The vitamins contained in Diaplex support cellular function by providing antioxidants, coenzymes, and metabolic synergists.†

#### *Promotes cardiovascular health*

The vitamins in Diaplex (vitamin complexes A, B<sub>6</sub>, and C, and niacin) support cardiovascular health by promoting red cell formation and maintaining healthy circulation.†

*Please copy for your patients.*



**Introduced in 1959**

**Content:**

150 capsules

**Suggested Use:** Two capsules per meal, or as directed.

**Supplement Facts:**

Serving Size: 2 capsules

Servings per Container: 75

	Amount per Serving	%DV
Calories	4	
Vitamin A	2,400 IU	50%
Vitamin C	1 mg	2%
Niacin	1 mg	6%
Vitamin B <sub>6</sub>	0.2 mg	10%
Iodine	10 mcg	8%
Chromium	55 mcg	45%

**Proprietary Blend:** 970 mg

Betaine hydrochloride, bovine pancreas PMG™ extract, alfalfa (whole plant), calcium lactate, dried buckwheat (leaf) juice, buckwheat (seed), dried pea (vine) juice, oat flour, carrot (root), pancreatin (3x), bovine pancreas Cytosol™ extract, magnesium citrate, bovine liver, bovine spleen Cytosol™ extract, ammonium chloride, dried beet (leaf) juice, beet (root), defatted wheat germ, soy protein, potassium bicarbonate, pepsin (1:10,000), bovine pituitary PMG™ extract, bovine prostate, bovine kidney, enzymatically processed *Tillandsia usneoides* and beet (root), inositol, bovine orchid extract, L-cysteine hydrochloride, bovine adrenal Cytosol™ extract, bovine liver fat extract, mixed tocopherols (soy), and flaxseed oil extract.

Other Ingredients: Gelatin, chromium yeast, calcium stearate, fatty acids, water, starch, sucrose (beets), arabic gum, vitamin A palmitate, colors, lactose (milk), niacinamide, ascorbic acid, pyridoxine hydrochloride, and prolamine iodine (zein).

*Two capsules supply approximately:*

*130 mg betaine hydrochloride, 85 mg bovine pancreas PMG™ extract, 35 mg pancreatin (3x), and 25 mg bovine pancreas Cytosol™ extract.*

**Warning:** Women who are pregnant, may become pregnant, or are lactating should limit their intake of vitamin A (retinol) and use vitamin A products only as directed by a qualified health care professional. Consumption of large amounts of vitamin A (retinol) has been linked to serious health problems.

**Sold through health care professionals.**



800-558-8740 | standardprocess.com

# Diaplex®

## What Makes Diaplex Unique

### Product Attributes

#### Multiple nutrients from a variety of plant and animal sources

- › Bovine liver and chromium yeast provide the optimum bioavailability of chromium
- › Work at the cellular level to maintain healthy blood
- › *Tillandsia usneoides* contributes to carbohydrate metabolism and cellular health
- › Extracts from bovine tissues provide nutrients and support to the corresponding tissues in humans
- › Vitamins, minerals, and nutrients from plants and animal tissues work synergistically for maximum effect†

### Certified Organic Farming

A healthy ecosystem is created by using organic farming techniques, such as rotating crops, fertilizing the soil with nutrient-rich cover crops and byproducts from our processing, practicing strict weed-control standards, and continually monitoring the health of our plants

- › Assures the soil is laden with minerals and nutrients
- › Ensures plants are nutritionally complete and free from synthetic pesticides

### Manufacturing and Quality-Control Processes

Upon harvesting, nutrient-rich plants are immediately washed and promptly processed

- › Preserves nutritional integrity

### Low-temperature, high-vacuum drying technique

- › Preserves the enzymatic vitality and nutritional potential of ingredients

### Not disassociated into isolated components

- › The nutrients in Diaplex are processed to remain intact, complete nutritional compounds

Degreed microbiologists and chemists in our on-site laboratories continually conduct bacterial and analytical tests on raw materials, product batches, and finished products

- › Ensures consistent quality and safety

### Vitamin and mineral analyses validate product content and specifications

- › Assures high-quality essential nutrients are delivered

### Whole Food Philosophy

Our founder, Dr. Royal Lee, challenged common scientific beliefs by choosing a holistic approach of providing nutrients through whole foods. His goal was to provide nutrients as they are found in nature—in a whole food state where he believed their natural potency and efficacy would be realized. Dr. Lee believed that when nutrients remain intact and are not split from their natural associated synergists—known and unknown—bioactivity is markedly enhanced over isolated nutrients. Following this philosophy, even a small amount of a whole food concentrate will offer enhanced nutritional support, compared to an isolated or fractionated vitamin. Therefore, one should examine the source of nutrients rather than looking at the quantities of individual nutrients on product labels.

Studies on nutrients generally use large doses and these studies, some of which are cited below, are the basis for much of the information we provide you in this publication about whole food ingredients. See the supplement facts for Diaplex®.

Anderson L.E. 1998. *Mostly's Medical, Nursing, & Allied Health Dictionary*. 5th ed. St. Louis, MO: Mosby: 1108-1109.

Anderson R.A. 1998. Effects of chromium on body composition and weight loss, review. *Nutr Rev* 56(9): 266-270.

Balch J.F., Balch P.A. 1997. *Prescription for Nutritional Healing*. 2nd ed. Garden City Park, NY: Avery Publishing Group: 15.

Chew B.P. 1995. Antioxidant vitamins affect food animal immunity and health. *Journal of Nutrition* 125(6): 1804S-1806S.

Duke, J. USDA—ARS—NGRL. Phytochemical and Ethnobotanical Database. Beltsville, MD: Beltsville Agricultural Research Center. Online. 22 May 2000.

Favler M., Hiringer I. 1997. Vitamins: B<sub>6</sub>, B<sub>12</sub>, B<sub>9</sub>. Consequences of a deficiency, of excessive vitamins and value of systematic supplementation. *J Gynecol Obstet Biol Reprod (Paris)* 26(3): 100-108.

Feng W., Ding W., Qian Q., Chai Z. 1999. Comparison of the chromium distribution in organs and subcellular fractions of normal and diabetic rats by using enriched stable isotope Cr-50 tracer technique. *Biol Trace Elem Res* 71-72, 121-129.

Guyton A.C., Hall J.E. 1997. *Human Physiology and Mechanisms of Disease*. 6th ed. Philadelphia, PA: W.B. Saunders Company: 87, 92, 300, 634.

Hemila H. 1999. Vitamin C supplementation and common cold symptoms: factors affecting the magnitude of the benefit. *Medical Hypotheses* 52(2): 171-8.

Kodama M., et al. 1996. The value of the dehydroepiandrosterone-annexed vitamin C infusion treatment in the clinical control of chronic fatigue syndrome (CFS). II. Characterization of CFS patients with special reference to their response to a new vitamin C infusion treatment. *In Vivo* 10(6): 585-596.

Miller G.D., et al. 1996. Age considerations in nutrient needs for bone health. *Journal of the American College of Nutrition* 15(6): 553-555.

Minsky N. 1993. Glucose tolerance factor reduces blood glucose and free fatty acids levels in diabetic rats. *J Inorg Biochem* 49(2): 123-128.

Pitchford P. 1993. *Healing With Whole Foods*. Revised ed. Berkeley, CA: North Atlantic Books: 122.

*Tillandsia usneoides*. Ecology and Evolutionary Biology Conservatory. Online. 17 May 2000.

Van Wynsberghe D. 1995. *Human Anatomy and Physiology*. McGraw-Hill, Inc: 598, 927.

Westertorp-Plantenga M.S., et al. 1994. *Food Intake and Energy Expenditure*. Boca Raton, FL: CRC Press: 23.

Additional references available upon request.

