

Ask Your Healthcare Professional About These Products for Nutritional Support



BioProtect™

GlucoBalance® - Healthy glucose levels depend on the presence of a wide range of micronutrients. The typical American diet, high in refined and processed foods, is often lacking adequate levels of these important nutrients. In addition, individuals with blood sugar disorders may have a special dietary need for higher amounts of micronutrients supplied by **GlucoBalance®**.

ChondroSamine Plus® - Connective tissues, like those found in joints, require adequate supplies of important nutrient building blocks to maintain their integrity. This is especially true following injury, or for those with chronic conditions such as osteoarthritis. **ChondroSamine Plus®** supplies a wide array of essential key nutrients, including forms that are unique to Biotics Research Corporation.

Bio-Multi Plus™ is a versatile, balanced multiple vitamin and mineral supplement supplying unique forms of important nutrients available exclusively from Biotics Research Corp. Available in three versions: **Bio-Multi Plus™**, **Bio-Multi Plus™ Iron Free**, and **Bio-Multi Plus™ Iron & Copper Free**. Ask your clinician which formula is right for you.

Optimal EFA® Caps provide a complete, healthy balance of the health-promoting fatty acids, so important to good health. Fatty acid imbalances are common, and essential fatty acid (EFA) deficits generally occur in combination. Therefore, supplementation with the balanced combination of EFAs supplied by **Optimal EFA® Caps** is prudent for optimal health.

Osteo-B Plus® offers comprehensive nutritional support for bone health. The importance of calcium for bone health is well-known; however, new evidence clearly supports the view that multiple nutrients are essential to nurture the skeletal system. **Osteo-B Plus®** provides these essential nutrients.

Intenzyme Forte™ is an outstanding and highly effective proteolytic enzyme formulation. It offers an effective treatment for muscle soreness and discomfort due to the rigors of overexertion. **Intenzyme Forte™** supplies important enzymes that offer additional benefits, including support for the immune system, hormone processing, circulatory system, and digestive system.

B12-2000™ is a flavorful lozenge supplying sublingually absorbed B12, with folic acid and B6, nutrients negatively impacted by oral contraceptive use. **B12-2000™** provides nutrients that not only protect against neural tube defects, but also suppress homocystine levels in men and women.



**For more information, consult your
Healthcare Professional or:**

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Antioxidant Support for Your Health



Multi-Nutrient Support

from Biotics Research Corporation

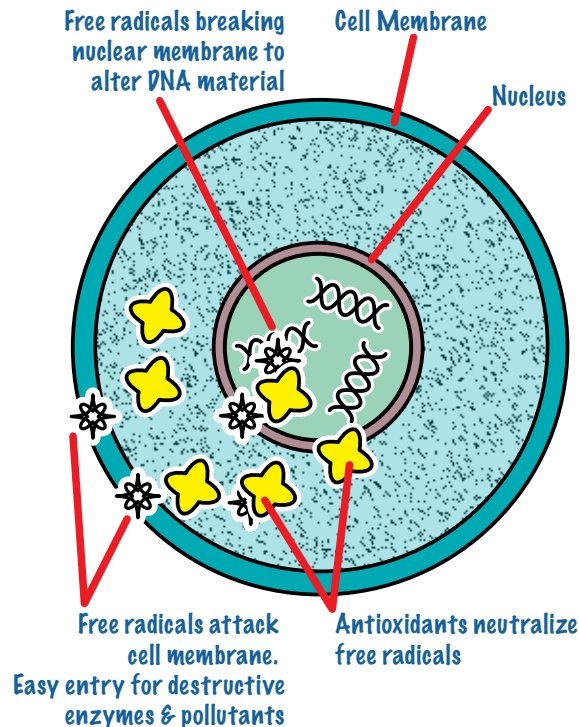
These statements have not been evaluated by the Food and Drug Administration.
This product is not intended to diagnose, treat, cure, or prevent any disease.

Why BioProtect™?

It is a known fact that we need oxygen to live. Our bodily functions, including metabolism, require an oxygen-rich environment. Energy production depends upon molecular oxygen to completely oxidize fats and carbohydrates. But oxygen is a double-edged sword. Why? In undergoing chemical reactions, oxygen is stripped of some of its stabilizing components (ie: hydrogen), which in turn causes it to become an unstable and chemically-charged molecule. These chemically-charged oxygen molecules are called reactive oxygen species (ROS), a type of free radical. In ROS, the hydroxyl radical (OH⁻) reacts instantaneously with any biological molecule from which it can steal a hydrogen atom. As well as damaging cell membranes, cells experience oxidative stress in the presence of ROS.

When the body's natural defenses are overwhelmed, free radicals indiscriminately attack neighboring molecules. Many chronic conditions have been associated with damage from free radicals, ensuing as a result of an imbalance between radical-generating and radical-scavenging systems. This type of condition is termed "oxidative stress." Oxidative stress may initiate chain reactions that damage cell components, including DNA and proteins, as well as metabolic processes (ie: damage to the proteins in the lens of an eye). Additionally, continued exposure to environmental toxins overburdens the bodily systems. As part of the body's normal defense mechanism, the organs, particularly the liver, modify potentially damaging compounds using oxidative enzymes called

cytochrome hydrogen, stripping them from the oxygen molecule, thus P450 oxidases. These enzymes utilize hydrogen, stripping them from the oxygen molecule, thus rendering ROS molecules.



Mammalian cells possess elaborate defense mechanisms to detoxify radicals, with a key metabolic constituent being superoxide dismutase (SOD). The organs, particularly the liver, modify these potentially damaging compounds using cytochrome P450 oxidases. However, exposure to environmental toxins and metabolic stress overburdens the body, increasing the need for antioxidants. Additionally, the normal process of aging diminishes the body's ability to respond adequately to oxidative stress.

BioProtect™ supplies potent, broad-spectrum antioxidant support. Antioxidants have the ability to "scavenge" free radicals and inhibit their chain reactions. The multitude of antioxidants provided by **BioProtect™** play various roles and act in synergy to support the body's natural defense mechanisms. For example, natural carotenoids, including lycopene, are able to quench singlet oxygen, thereby inhibiting free radical chain reactions. Superoxide dismutase (SOD) and catalase are supplied via our specially grown, biologically active vegetable culture. SOD is our primary enzymatic free radical scavenger, and is the only enzyme specifically designed to disarm free radicals in the body. In a double-blind, placebo-controlled study, orally ingested vegetable culture source SOD (a proprietary product of Biotics Research Corporation) was shown to significantly increase erythrocyte SOD activity in humans. Additionally, catalase plays an important supporting role. Hydrogen peroxide, also a strong oxidizing agent (ROS), is produced from the action of SOD on superoxide. Cells rely on catalase to convert hydrogen peroxide to oxygen and water.



Supplement Facts

| Serving Size: 3 Capsules | Servings Per Container: 90 | |
|--|----------------------------|---------------|
| | Amount Per Serving | % Daily Value |
| Vitamin A (as natural mixed carotenoids) | 7,500 IU | 150% |
| Vitamin C (ascorbic acid) | 300 mg | 500% |
| Vitamin E (d-alpha tocopheryl acetate and mixed tocopherols) | 90 IU | 300% |
| Zinc (as zinc gluconate) | 15 mg | 100% |
| Selenium (from vegetable culture †) | 75 mcg | 107% |
| Coenzyme Q10 | 3 mg | * |
| L-Glutathione (reduced) | 30 mg | * |
| L-Methionine | 105 mg | * |
| Taurine | 105 mg | * |
| N-Acetyl-L-Cysteine | 105 mg | * |
| Superoxide Dismutase (from vegetable culture †) | 90 mcg | * |
| Catalase (from vegetable culture †) | 90 mcg | * |

*Daily Value not established

Other ingredients: Gelatin, water, potassium sorbate and glycerin.

† Specially grown, biologically active vegetable culture containing naturally associated and/or organically bound trace elements and phytochemicals including polyphenolic compounds with SOD and catalase, dehydrated at low temperature to preserve associated enzyme factors.

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