



Bio-Defense

A powerful formulation to boost the body's natural defenses*

A dietary supplement
56 capsules

*This statement has not been evaluated by the FDA. This product is not intended to diagnose, treat, cure or prevent any disease.

Supplement Facts

Serving Size 4 capsules • Servings Per Container 14

Amount Per Serving	%DV
Calcium (as calcium phytate)	100 mg 13%
Zinc (as zinc oxide)	2 mg 13%
Monolaurin (medium chain triglycerides providing lauric acid)	500 mg *
Olive leaf extract (standardized to 15% oleuropein)	500 mg *
IP6 (inositol hexaphosphate)	500 mg *
Colostrum	500 mg *
Beta 1,3 glucan	25 mg *
Proprietary Blend Echinacea purpurea (root), garlic (bulb), golden seal (root), and neem leaf extract	500 mg *
MSM® (Methylsulfonylmethane)	10 mg *
Alpha lipoic acid	10 mg *
L-Glutathione	10 mg *
N-Acetyl L-Cysteine	10 mg *
DMG (dimethylglycine)	10 mg *

*Daily Value not established.

Other Ingredients: Gelatin (capsule), cellulose, vegetable stearate and silica.

Researched and Formulated by Dr. Arthur Fierro, DC, DACBN, FACCN

A Natural Antibacterial, Antiviral, Antifungal Supplement

Bio-Defense ingredients

Monolaurin – An oil found naturally in mother's milk and coconuts. It has the ability to dissolve a bacteria/virus outer protective membrane. *Isaacs C.E, Thomer, H.: Membrane Disruptive Effects of Human Milk: Inactivation of enveloped viruses. J. Infectious Diseases 1986;154:996-971*

Extract of Olive Leaf – A compound found in olive leaves that splits bacteria and viruses DNA, preventing it from reproducing and spreading its disease. *Bisignano, G., et. al: In vitro antimicrobial Activity of Oleuropein. J. Pharmacology 1999 Aug:51(8):971-4*

IP6 - inositol hexaphosphate. IP6 effectively blocks bacteria and viruses main source of energy: iron. IP6 "starves" them to death. *Berridge, MJ, Irvine, RF Inositol phosphates and cell signaling – 1987: Nature 314:197-205*

Beta 1, 3 Glucan – Isolated from purified yeast and thought to be the most powerful "activator" to mobilize our own immune system to "go on the attack". *Czopik, Austen, KF: A b-glucan inhibitable receptor on human monocytes; its identity with phagocytic receptor for particular activators of alternate complement pathways. J. Immunology 1985;134:2588-2593*

Colostrum or "first milk" is from mothers' milk. It builds our immune system by supplying the immunoglobulins IgA, IgG, and IgM. *Zoltan Rona: Clinical Applications: Bovine Colostrum as Immune System Modulators The Am. J. of Natural Medicine March, 1998 No2 p 19-23.*

MSM – Methylsulfonylmethane is found in mothers' milk, fruits and vegetables. MSM has many health benefits. In fighting bacteria and viruses it provides natural sulfur, the specific antioxidant that protects our white blood cells. *Herschler, RJ Methylsulfonylmethane and Methods of Use Am Academe Science 1983 (411)*

Calcium Phytate –In this formula, calcium in the Phytate form serves two purposes: to raise the body's pH to an alkaline state. Bacteria and viruses do not thrive in an alkaline environment. This form of calcium acts as a substrate for the construction of new DNA *E. Neumann, S. Kakorin, et. al.: Calcium Mediated DNA Adsorption to yeast cells and kinetics of cell transformation by electroporation - Biophysical Journal Vol 71:868-877 1996*

Other natural antibacterials, antivirals, antifungals and antioxidants: Alpha Lipoic Acid, N-acetyl-cysteine, Echinacea, zinc, DMG, glutathione, Neem Leaf Extract, garlic and Golden Seal.

The following is a partial list of bacteria, viruses and fungi that have been shown in the literature to be effectively destroyed with the ingredients found in **Bio-Defense**.

Influenza (The Flu)
Measles (Rubella)
Tinea Cruris (Jock itch)
Chicken Pox
Yersinia Pestus (Plague)

Strep (Strep Throat)
Botulism (Food poisoning)
Diarrheal problems
Klebsiela
Listeria

Mononucleosis
Conjunctivitis
Otitis Media (Ear Infections)
Anthrax
Epstein-Barr Virus

Staph
Cold sores (Herpes Simplex)
Ringworm
Athlete's Foot (Tinea Pedis)
Helicobacter Pylori

Bio-Defense comes in capsules and provides a two (2) week supply.

Directions: Take 4 capsules a day: 2 in the morning, 2 in the evening.

Frequently Asked Questions:

1. When do I take this? Take **Bio-Defense** at the first sign of illness. If you have been ill for a few weeks or more, start on Bio-Defense as soon as possible.
2. How do I take **Bio-Defense**? Take two (2) capsules in the morning and two (2) at night (4 a day).
3. Can I keep taking this beyond the two weeks recommended? Yes, this is a natural product and can be taken for another few weeks. If you are still ill, you should be evaluated by your health care physician.
4. Can I continue to take this as a preventive supplement? Although you can continue on this supplement, it was not meant to be taken as a preventive supplement. Take supplements when you need them.
5. Can my children take this? Children under the age of 5 should not take this as it contains nutrients not appropriate for them.
6. Can I take more than the recommendations on the label? If you're health care physician advises you to do so, you may double the dosage for 3 – 4 days to get a larger quantity of **Bio-Defense** nutrients into your body.
7. Why are there an unusual number of capsules in the bottle? You should not need to purchase more or less supplement than you need. Taking 4 capsules a day for 2 weeks is 56 capsules. This prevents unnecessary storage of unused product.
8. I can not take pills or capsules. Can I open these up and sprinkle them on or in food? Yes, twist open the capsules and consume them in your food or drink.

Price:

1 bottle: \$24.95 plus \$3.00 S&H = \$27.95

2 bottles: \$49.95 + \$3.00 S&H = \$52.90

To Order: **TOLL FREE 877-434-2495**

(Va. Residents add 5% sales Tax)

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CODE : JM0001