

Biotics Research Corporation Product Showcase

BioDoph-7 Plus®

Dietary Supplement



For Healthcare Professionals Only

Classically defined, probiotics are “a preparation of, or a product containing viable, defined microorganisms in sufficient numbers, which alter the microbiota (typically by colonization) in a compartment of the host, and by that, exert beneficial health effects in this host.”¹ Traditionally, probiotics have consisted of species from the genera *Lactobacillus* and *Bifidobacterium*.

BioDoph-7 Plus® supplies a unique blend of probiotics and prebiotics, along with additional support for a healthy GI tract.

Documented research has indicated important benefits associated with the use of probiotic bacteria, including improved digestion, enzymatic activity and overall health. For example, *L. plantarum* is recognized as a major colonizer² and was shown to “decrease translocation, improve mucosal status, improve liver status, improve the immunologic status of the mucosa, and to reduce mucosal inflammation.” Subsequently, *L. plantarum* is considered to be an integral part of the host’s immunologic defense.³ Probiotics have also shown to have a modulating effect on the immune system. A probiotic combination of Lactobacilli species, bifidobacteria species and a Streptococcal strain was shown to be immuno-modulating by virtue of both the upregulation of IL-10 production by dendritic cells, and the decreased production of interferon-gamma by T-cells. Also noted was a “diminished proinflammatory effect via a decrease in the lipopolysaccharide production of IL-12.”⁴

Supplies ingredients that:

- Improves digestive function
- Improves immunologic status
- Increases beneficial anaerobes
- Decreases “unfriendly” organisms
- Stimulates phagocytosis
- Soothes gastric mucosa

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Like probiotics, prebiotics also play a beneficial role in GI health, via their alteration of the gut flora composition in favor of beneficial bacterial.⁵ Prebiotics are categorized as a “non-digestible food ingredient that beneficially affects the host by selectively stimulating the growth and/or activity of one or a limited number of bacteria in the colon.”⁶ The prebiotic inulin demonstrated beneficial results with administration, by virtue of its ability to stimulate the enumeration of the colonic bifidobacteria population, thus improving the composition of the gut flora.⁷ Arabinogalactan from larch is also an effective prebiotic fiber. In the large intestine it is actively fermented by friendly intestinal microflora, resulting in an increased number of

beneficial anaerobes, while simultaneously decreasing unfriendly organisms such as Clostridia.⁸ Marshmallow root extract, also considered a prebiotic, supplies polysaccharides including arabinogalactans and glucan. It stimulates phagocytosis, and has been shown to alleviate local irritation of the gastric mucosa.⁹

Thus, when considering overall health benefits, the combination of prebiotics and probiotics are a judicious choice, as both have documented success in improving gastrointestinal health. Additionally, by utilizing a prophylactic approach, gastrointestinal complaints may be addressed in a means that will promote optimal wellness.

Each capsule of **BioDoph-7 Plus**[®] contains 20 billion viable organisms at the time of manufacture.

Note: The long term viability of probiotic organisms is enhanced by refrigeration.

Supplement Facts	
Serving Size: 1 Capsule	
	Amount Per Serving
Proprietary Blend	400 mg
Inulin (from Chicory root) *	
Arabinogalactans (from Larch) *	
Marshmallow Root (extract) *	
Bifidobacterium bifidum *	
Bifidobacterium lactis *	
Bifidobacterium breve *	
Lactobacillus paracasei *	
Lactobacillus plantarum *	
Lactobacillus salivarius *	
Streptococcus thermophilus *	
*Daily Value not established	

Other ingredients: Vegetarian capsule shell.
Lactose (from dairy) was used in the fermentation of some ingredients. Each capsule of **BioDoph-7 Plus**[®] contains more than 20 billion organisms at time of manufacture.

RECOMMENDATION: One (1) capsule taken one (1) to two (2) times each day as a dietary supplement or as otherwise directed by a healthcare professional.

The long term viability of probiotic organisms is enhanced by refrigeration.

KEEP OUT OF REACH OF CHILDREN
 Store in a cool, dry area.
 Sealed with an imprinted safety seal for your protection.

NDC #55146-01285 Rev. 2/07

Product #: 1285 • Contains: 60 Capsules

References

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7. Manning TS, Gibson GR. *Microbial-gut interactions in health and disease.* Prebiotics. Best Pract Res Clin Gastroenterol. 2004 Apr;18 (2):287-98.
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