

NATURAL SUPPORT FOR DIGESTIVE HEALTH HELPS OPTIMIZE IMMUNE SYSTEM FUNCTION

The body, especially the lower intestinal tract, contains a complex and diverse community of beneficial bacteria. These "friendly" bacteria help keep our digestive systems functioning properly.* They protect us from toxins, strengthen our natural defenses and improve nutrient absorption.* Certain health states, aging, stress, travel and other environmental influences can deplete these good bacteria and cause non-beneficial bacteria to flourish in the intestinal tract.

Probiotic supplements help restore the natural balance of good bacteria.* They support immune and digestive health, provide relief of occasional intestinal distress and minor gastrointestinal pain and help support bowel regularity.* 12.3

The types of bacteria used in a probiotic are critically important. There is a wide range of species and different strains of the same species and not all have been proven to be effective. It is important to make sure the strains in the probiotic you choose are thoroughly evaluated and tested provides a carefully researched selection of probiotics designed to work together to provide maximum benefits.*

 Bifidobacteria lactis (BI-04)—Bifidobacteria are broadly recognized for their key role in the human intestinal flora throughout life. B. lactis is well suited for intestinal survival and has been shown to support gastrointestinal health and well-being and beneficially modulate immune functions.*4

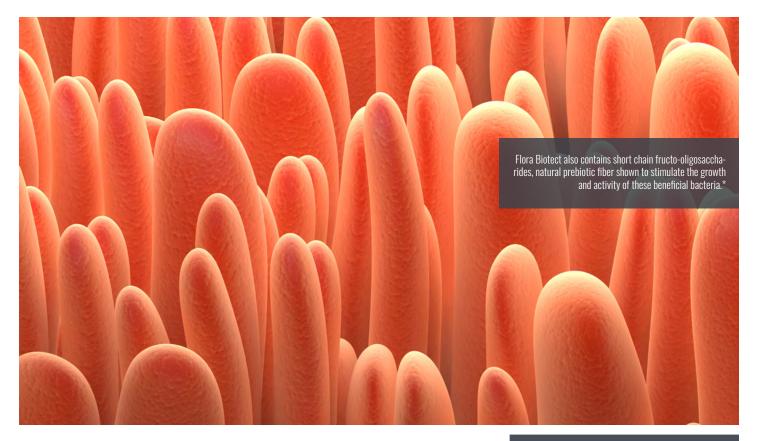


- Bifiodobacteria longum (BB536)—This proprietary, well-researched probiotic strain provides a natural defense against episodic digestive upsets, including constipation, diarrhea, abdominal discomfort, gas and bloating. It decreases ammonia and putrefactive products in the digestive tract and helps down-regulate the immune system's response to seasonal challenge.*
- Lactobacilli acidophilus (La-14)—An extensive collection of studies support the health-enhancing probiotic properties of L. acidophilus La-14. It exhibits a strong adhesion to intestinal cell walls where it shows the ability to inhibit common pathogens and provides a beneficial modulation of immune function.* 10
- Lactobacilli rhmanosus (Lr-32)—L. rhmanosus promotes and maintains digestive tract health. It is recommended for the maintenance of regularity and normal GI function.* 11.12.13

FLORA BIOTECT

Product Features

- Multi-strain probiotic blend providing 20 billion active cultures per capsule
- Includes short chain fructooligosaccharides, natural prebiotic fiber that stimulates the growth and activity of beneficial bacteria*
- Packaged in targeted release acid resistant capsules which resist stomach acid and ensure that a maximum number of viable cells are delivered into the intestinal tract where they can fully exert their beneficial effects
- No need for refrigeration, each capsule sealed individually in nitrogen-purged blister packs to ensure optimum freshness and potency
- Vegan



 Saccharomyces boulardii—In multiple experimental studies, this beneficial probiotic yeast has been proven to be particularly effective in supporting normal bowel function and maintaining regular transit.* 14,15,16

Flora Biotect also contains short chain fructooligosaccharides, natural rebiotic fiber shown to stimulate the growth and activity of these beneficial bacteria.*17,18

To ensure survivablility of the probiotic ingredients, Flora Biotect comes in acid-resistant capsules designed to resist disintegration in the acidic environment of the stomach and dissolve in more alkaline environments such as the small and large intestine. This technology helps to protect the organisms from stomach acid, delivering the maximal viable organisms to the GI tract.

The capsules are individually packaged in nitrogenpurged blister packs to ensure optimum freshness and potency. There is no need for refrigeration. Store at room temperature (50-86° F) away from direct sunlight, heat and humidity.

- 1. Goldin BR. Gorbach SL. Clinical Indications for Probiotics: An Overview. Clin Infect Dis. 2008. 46(Supplement 2):S96-S100
- 2. Goldenberg JZ. Ma SS. Saxton JD. et al. Probiotics for the prevention of Clostridium difficile-associated diarrhea in adults and children. Cochrane Database Syst Rev. 2013 May 31.
- 3. Hempel S. Newberry S. Maher A. et al. Probiotics for the Prevention and Treatment of Antibiotic-Associated Diarrhea. JAMA 2012; 307(18):1959-1969.
- 4. Danisco. Bifidobacterium lactis BI-04. Technical Memorandum TM46-le http://ss1.spletnik.si/4_4/000/000/19f/155/BI-04%20TM.pdf . Accessed January
- 5. Akatsu H. Iwabuchi N, Xiao JZ. Clinical effects of probiotic Bifidobacterium longum BB536 on immune function and intestinal microbiota in elderly patients receiving enteral tube feeding. J. Parenter Enteral Nutr. 2013 Sep;37(5):631-40.
- 6. Makras L. De Vuyst L. The in vitro inhibition of Gram-negative pathogenic bacteria by bifidobacteria is caused by the production of organic acids. International Dairy Journal. 2006 (16)1049-1057
- Ogata T. Nakamura T. Anjitsu K. et al. Effect of Bifidobacterium longum BB536 Administration on the Intestinal Environment, Defecation Frequency and Fecal Characteristics of Human Volunteers. Bioscience Microflora 1997 Vol. 16(2) 53-58
- Ogata T. Kingaku M. Yaeshima T. Effect of Bifidobacterium longum BB536 yogurt administration on the intestinal environment of healthy adults. Microbial Ecology in Health and Disease 1999; 11:41-46.
- 9. Xiao JZ. Kondo S. Yanaqisawa N. Clinical efficacy of probiotic Bifodobacterium longum for the treatment of symptoms of Japanese cedar pollen allergy in subjects evaluated in an environmental exposure unit. Allergol Int. $\overline{2007}$ Mar; 56(1): 67-75.
- 10. Danisco. Lactobacillus acidophilus La-14. Technical Memorandum. TM48-le
- 11. Szajewska H. Ruszczynski M. Gieruszczak-Bialek D. Lactobacillus GG for treating acute diarrhea in children. A meta-analysis of randomized controlled trials. Aliment Pharmacol Ther 2007;25:177-84
- 12. Arvola T. Laiho K. Torkkeli S. et al. Prophylactic Lactobacillus GG reduces antibiotic-associated diarrhea in children with respiratory infections: a randomized study. Pediatrics 1999; 104:1-4.
- 13. Horvath A. Dziechciarz P, Szajewska H. Systematic review and meta-analysis of randomized controlled trials: Lactobacillus rhamnosus GG for abdominal pain-related functional gastrointestinal disorders in childhood. Aliment Pharmacol Ther 2011;33:1302-10.
- 14. Kelesidis T. Efficacy and safety of the probiotic Saccharomyces boulardii for the prevention and therapy of gastrointestinal disorder. Therap Adv Gastroenterol, 2012 March; 5(2): 111-125
- 15. McFarland LV. Systematic review and meta-analysis of Saccharomyces boulardii in adult patients. World J Gastroenterol. 2010 May 14:16(18):2202-22
- 16. Czerucka D. Piche T. Rampal P. Review Article: veast as probiotics—Saccharomyces boulardii. Aliment Pharmacol Ther. 2007 Sep 12:26(6):767-78.
- 17. Gibson GR. Probert HM. Van Loo J et al. Dietary modulation of the human colonic microbiota: updated the concept of prebiotics. Nutrition Research Review s 2004 17:259-275
- 18. Hidaka K. Eida T. Takizawa T. et al. Effects of fructooligosaccharides on intestinal flora and human health. Bifidobacteria Microflora 1986 5(1):37-50.

FLORA BIOTECT

Supplement Facts

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Serving Size: <mark>1 Capsule</mark> Servings Per Container: **60**

	Amount Per Serving	%Daily Value
Lactobacilli/		
Bifidobacteria Blend	15 Billion C	FU 🕇
L. acidophilus (La-14)		
B. lactis (BI-04)		
B. longum (BB536)		
L. rhamnosus (Lr-32)		
Saccharomyces boulardii 5 Billion CFU ‡		
NutraFlora* short cha	in	
fructo-oligosaccharid	es 200	mg ‡
Daily Value (DV) not established		

Other Ingredients: hypromellose, microcrystalline cellulose, vegetable stearate, silica.

Suggested Use: Adults: 1-2 capsules daily**

Children 4-10 years: 1 capsule daily**

Children 1-3 years: 1/2 capsule daily** (twisted open and taken with food/drink)

Children younger than 1 year: consult your healthcare

**or as directed by your healthcare professional

*These supplements have not been evaluated by the Food and Drug Administration.

Products listed are not intended to diagnose, treat, cure

Flora Biotect is vegan and does not contain dairy, soy, corn wheat or GMOs.

Should not be used for patients with intravenous catheters or compromised immune systems.

For more detailed information about this supplement, visit http://www.drfuhrman.com/shop/Probiotect.aspx