



## Biotic Pro

Digestive and Gastrointestinal Support\*  
60 VEGETARIAN CAPSULES

### B I O T I C P R O

#### DESCRIPTION

**Biotic Pro** provides a premiere probiotic combination, including *Saccharomyces boulardii*, *Lactobacillus acidophilus*, and *L. bifidus*, in an easy to swallow vegetarian capsule.

#### FUNCTIONS

Oral supplements of live, beneficial intestinal microorganisms for nutritional health and well being are known as probiotics. Probiotic dietary lactobacilli colonize the intestinal tract, depending on the specific bacterium-to-host affinity. Bacteria are continually in competition for colonization space. The original bacterial colonies have an advantage over transient bacteria. Nevertheless, the composition of the intestinal microflora is dynamic and constantly changing.

If harmful organisms proliferate, as in the case of diarrheal or fungal infections (e.g. *Candida albicans*), the equilibrium is disturbed, and it becomes difficult even for indigenous bacteria to maintain their necessary territory to colonize the intestine. Antibiotics tend to kill off both beneficial and harmful bacteria, and thus may disturb the normal, healthy balance of intestinal microorganisms.

*Saccharomyces boulardii* is nonpathogenic yeast that can provide important gastrointestinal support. Research studies have indicated that *S.boulardii* may work by modulating the body's immune response, thus helping to improve the resistance to enteropathogenic bacteria.

When potent probiotic supplements, such as **Biotic Pro**, are supplied regularly, chances are greatly increased for establishing and maintaining a healthy population of beneficial intestinal microorganisms. Once established, a normal intestinal microflora rich in friendly organisms creates unfavorable conditions for the settlement of pathogenic microorganisms.

#### INDICATIONS

**Biotic Pro** capsules may be a useful dietary supplement for those who wish to support their intestinal microflora with meaningful amounts of beneficial microorganisms.

#### SIDE EFFECTS

No side effects reported.

#### SUGGESTED USAGE:

Adults take 1-3 capsules daily or as directed by healthcare professional.

This product contains NO yeast, wheat gluten, soy protein, milk/dairy, corn, sodium, sugar, starch, artificial coloring, preservatives or flavoring.

#### KEEP OUT OF REACH OF CHILDREN

For optimal storage conditions, store in a cool, dry place. (59°-77°F - 15°-25°C) (35%-65% relative humidity).

Manufactured by: DOUGLAS LABORATORIES  
Pittsburgh, PA 15205 • [www.douglaslabs.com](http://www.douglaslabs.com)

Tamper resistant package, do not use if outer seal is missing.

FORMULA #80437/#2115274

#### Supplement Facts

Serving Size 1 Vegetarian Capsule  
Servings Per Container (60)

Amount Per Serving	%DV
Acidophilus .....2 billion CFU	*
Bifidus .....2 billion CFU	*
Saccharomyces ....3 billion CFU Boulardii	*

\*Daily Value not established.

Other ingredients: Cellulose and Silica.

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

#### REFERENCES

- Cebra JJ. Influences of microbiota on intestinal immune system development. *Am J Clin Nutr* 1999;69:1046S-1051S.
- Collins MD, Gibson GR. Probiotics, prebiotics, and synbiotics: approaches for modulating the microbial ecology of the gut. *Am J Clin Nutr* 1999;69:1052S-1057S.
- Donnet-Hughes A, Rochat F, Serrant P, Aeschlimann JM, Schiffrin EJ. Modulation of nonspecific mechanisms of defense by lactic acid bacteria: effective dose. *J Dairy Sci* 1999;82:863-9.
- Jacobsen CN, Rosenfeldt Nielsen V, Hayford AE, Moller PL, Michaelsen KF, Paerregaard A, Sandstrom B, Tvede M, Jakobsen M. Screening of probiotic activities of forty-seven strains of *Lactobacillus* spp. by *In vitro* techniques and evaluation of the colonization ability of five selected strains in humans [In Process Citation]. *Appl Environ Microbiol* 1999;65:4949-56.
- Kirjavainen PV, Ouwehand AC, Isolauri E, Salminen SJ. The ability of probiotic bacteria to bind to human intestinal mucus. *FEMS Microbiol Lett* 1998;167:185-9.
- Qamar A, Aboudola S, Waryn M, Michetti P, Pothoulakis C, LaMont JT, Kelly CP. *Saccharomyces boulardii* stimulates intestinal immunoglobulin A immune response to *Clostridium difficile* toxin in mice. *Infect Immun* 2001 Apr;69(4):2762-5