



Probiotic 50B (soy and dairy free)

INTRODUCED 2011

What Is It?

Probiotic 50B provides 50 billion CFU per serving of the beneficial bacteria *Lactobacillus acidophilus*, *Lactobacillus rhamnosus*, *Lactobacillus plantarum*, *Bifidobacterium longum* and *Bifidobacterium lactis*. This formula is offered in acid-resistant capsules with pH targeted release for maximal probiotic viability. This blend of lactobacilli and bifidobacteria is designed to promote healthy intestinal ecology to support gastrointestinal and immune health.*

Uses For Probiotic 50B

G.I. Health: Probiotics have been shown to promote healthy cytokine production in the colon and maintain healthy GI barrier function, in part by supporting intestinal epithelial integrity. Several trials have also revealed that mixed probiotic supplementation helps maintain intestinal flora, support healthy yeast balance, and promote GI comfort.*

Immune Cell Function: Clinical studies indicate that Lactobacilli and Bifidobacteria supplementation supports healthy immune response and inflammatory balance. Probiotics may enhance B cell, T cell and NK cell function, phagocytic capacity and activity, and healthy cytokine production.*

What Is The Source?

Lactobacillus plantarum (Lp-115), *Lactobacillus acidophilus* (DDS-1), *Lactobacillus rhamnosus* (Lr-32), *Bifidobacterium lactis* (BI-04) and *Bifidobacterium longum* (BI-05) are grown on a dairy-free soy-free medium. Pure Encapsulations probiotic products contain a unique form of rice starch produced through a natural enzymatic process. This proprietary starch has been extensively tested and is added to protect the viability of the probiotic organisms. Gellan gum is derived from *Pseudomonas elodea*.

Special Features

Probiotic 50B is offered in new acid-resistant capsules with pH targeted release. These capsules are designed to resist disintegration in an acidic environment (i.e. stomach) and dissolve in more alkaline environments (i.e. small and large intestine). This technology helps to protect the organisms from stomach acid, delivering the maximal viable organisms to the GI tract.

Disintegration in Simulated Gastric and Simulated Intestinal Fluids

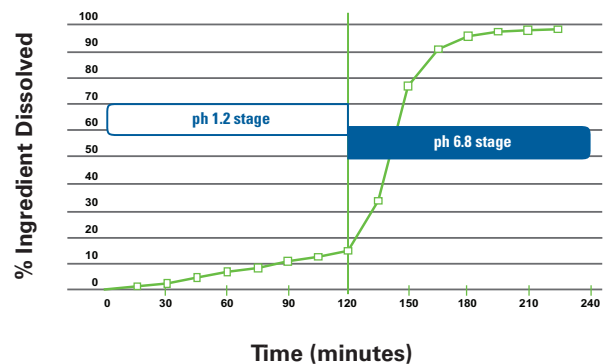


Figure 1. Percentage of ingredient released in simulated gastric fluids and intestinal fluids.† After two hours in pH 1.2 simulated gastric fluids, less than 20% of capsule contents were released. After 45 minutes in pH 6.8 simulated intestinal fluids, more than 80% of capsule contents had dissolved.

†This test was performed under a specific protocol which is available upon request.

Recommendations

Pure Encapsulations recommends 1 capsule daily, with or between meals.

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

For educational purposes only. Consult your physician for any health problems.


Are There Any Potential Side Effects Or Precautions?

If pregnant or lactating, consult your physician before taking this product. Probiotics may result in mild flatulence, which should subside with continued use. They may be contraindicated for use with immunocompromised individuals. Consult your physician for more information.

Are There Any Potential Drug Interactions?

Probiotics may be contra-indicated with immunosuppressant medications. Consult your physician for more information.

Probiotic 50B (soy and dairy free)

each vegetable capsule contains  V 0

probiotic blend 50 billion CFU
providing:
Lactobacillus plantarum (Lp-115)
Lactobacillus acidophilus (DDS-1)
Lactobacillus rhamnosus (Lr-32)
Bifidobacterium lactis (BI-04)
Bifidobacterium longum (BI-05)

other ingredients: rice starch, vegetable capsule , gellan gum

1 capsule daily, with or between meals.

This product requires refrigeration to maintain culture viability.



— Your Trusted Source —

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