

Enteric Coated Capsules Deliver Friendly Organisms to the Colon

Acidophilus E.C. & Bifido Plus E.C. Deliver Maximum Potency

A special enteric coating allows Acidophilus E.C. and Bifido Plus E.C. capsules to pass through harsh stomach acids intact to deliver maximum potency to the lower intestinal tract where they are needed most. As much as 98% of the fragile, living organisms in many powders and capsules are destroyed by stomach acids before they reach the intestines.

Along with specially selected strains of live lactobacillus acidophilus and bifido bacterium (in Bifido Plus E.C.), these enteric coated capsules contain lactobacillus casei subsp. rhamnosus, a strain which is highly resistant to antibiotics and other drugs that may be present in the intestines.

The easy-to-swallow capsules give better patient compliance than powders that must be mixed and these products are hypoallergenic. Acidophilus E.C. and Bifido Plus E.C. contain no whey, soy, corn, wheat, yeast or preservatives. Since the organisms are grown and packaged in a base of maltodextrin, these products are milk free.

ACIDOPHILUS E.C.™

Enteric Coated, Hypoallergenic

Product No. 845

Fill Size: 90 Capsules

Each 280 mg. Enteric Coated Capsule Contains:

2.8 billion live organisms from specially selected strains of lactobacillus acidophilus and lactobacillus casei subsp. rhamnosus, in a base of maltodextrin.

Suggested Use: One capsule three times daily. If diarrhea results, reduce dosage as needed. To maintain maximum potency, store tightly capped in refrigerator.

BIFIDO PLUS E.C.™

Enteric Coated, Hypoallergenic

Product No. 917

Fill Size: 90 Capsules

Each 200 mg. Enteric Coated Capsule Contains:

One billion live organisms from selected strains of bifido-bacterium, lactobacillus acidophilus and lactobacillus casei subsp. rhamnosus. Ideal for adolescents, children, pregnant women and nursing mothers.

Suggested Use: One capsule three times daily. If diarrhea results, reduce dosage as needed. To maintain maximum potency, store tightly capped in refrigerator.

“Friendly” Bacteria Control Candida and Much More

Some 60 serious health problems have been related to candidiasis, the over population of the yeast/fungus candida albicans. This yeast-like organism normally lives inoffensively in most of our mucous membranes, kept in check by the beneficial lactobacillus and bifidobacteria.⁽¹³⁾

When these beneficial flora are not present in sufficient quantities, the candida population in the gastrointestinal tract multiplies suddenly. It then changes from a yeast-like form to a fungal one with long root-like structures that penetrate the mucous lining of the gastrointestinal wall, allowing substances normally confined to the GI tract to “leak” into the bloodstream.⁽¹³⁾

Incompletely digested protein which enters the bloodstream can cause the immune system to produce antibodies, resulting in severe allergic reactions, including the recently recognized cerebral allergies associated with depression, memory deficit, mood swings and behavior problems. Rapidly expanding candida colonies also produce toxins and can themselves escape into the bloodstream to be relocated almost anywhere in the body, producing dire systemic effects. A proliferation of

candida albicans in children results in the common childhood condition, thrush.⁽¹³⁾

Bifido bacteria is especially needed by infants, children, pregnant women and nursing mothers.

Lactobacilli are present in the body from birth, but the bifidobacteria appear during the first week after birth, fostered by the presence of the bifidus factor in mother's milk. The mother's diet can affect her baby's microflora and due to rising levels of environmental contaminants, mother's milk may not be as healthful as once thought.⁽¹³⁾

■ **Digestive Disturbances** - Both acidophilus and bifidobacteria can be helpful in alleviating a variety of digestive disturbances including constipation, diarrhea and low bowel gas, especially if caused by use of antibiotics or immuno-depressant drugs.^(4,5,13)

■ **Lactose Intolerance** is caused by a deficiency of the enzyme lactase. Lactic bacteria produce their own lactase and also stimulate the body's ability to produce lactase.⁽¹³⁾

■ **Nutritional Benefits** - By aiding in the synthesis of digestive enzymes, acidophilus and bifido bacteria improve the quality of food.⁽⁸⁻¹⁰⁾

(over)

- **Absorption of Vitamins and Minerals**, especially calcium, is improved, making supplementation beneficial to children with growing bones as well as to adults at risk for osteoporosis.⁽¹³⁾
- **Vaginal Disturbances** - Beneficial effects have been seen in cases of urethritis, cystitis and vaginitis, including candida albicans,^(1,2) staphylococcus aureus⁽³⁾ and neisseria.
- **Pathogenic Organisms** - Acidophilus and bifidobacteria produce large quantities of acetic and lactic acid which lowers intestinal pH and inhibits growth of such pathogenic organisms as clostridium, salmonella and E. coli. Acidophilus supplementation has eliminated salmonella from long term carriers, even when prolonged antibiotic therapy has failed.^(6,7,13)
- **Breath and Body Odor** - Since many undesirable bacteria secrete volatile aromatic substances that are absorbed into the bloodstream, then secreted by the skin and lungs, inhibiting the growth of these bacteria may improve breath and body odor.

- **Perianal Irritation** - Acidophilus and bifidobacteria lower intestinal pH which can relieve itching and irritation of the sensitive perianal tissues caused by alkaline fecal matter.⁽¹⁴⁾
- **Liver Disease** - A study using bifidobacteria on patients with liver disease showed reductions in blood levels of ammonia, free serum phenol and free amino nitrogen, widely known toxins. Low intestinal pH helps to render ammonia unabsorbable.⁽¹⁵⁾
- **Cancer Risk Factors** - By lowering the levels of certain fecal bacterial enzymes which can activate carcinogens in the intestines, acidophilus may reduce the risk of breast and colon cancer.^(11,12) Laboratory studies show that acidophilus reduces the incidence of tumors in animals exposed to known carcinogens.

Supplementation has also been shown to be beneficial in the reduction of serum cholesterol,⁽⁸⁻¹⁰⁾ resolution of intractable eczema⁽²⁾ and synthesis of several important B vitamins.

Certain Conditions Cause Microflora Imbalance

Lactobacillus and bifidobacteria are essential to human health, but most of us are severely lacking in these friendly organisms due to environmental factors such as.

- The habitual overuse of antibiotics in treating human ailments.⁽¹³⁾
- Use of antibiotics in animals used as food by humans.⁽¹⁶⁾
- The high beef, high fat, low fiber, high sugar diet of western societies.
- Pathogenic organisms.

- Use of birth control pills, cortisone, cortisone-like drugs and immunosuppressant drugs.⁽¹⁷⁾

Progressive Laboratories high potency Acidophilus E.C. and Bifido Plus E.C., which release beneficial micro-organisms directly into the lower intestinal tract where they are needed, can help overcome conditions that cause an imbalance of microflora.

WARNING: This information is provided for health care professionals only. **This publication and the product contained herein have not been approved or evaluated by the Food and Drug Administration. This publication, and the product contained herein are not intended to diagnose, treat, cure or prevent any disease.** The product relates to nutritional support only.

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