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## Patient Information

# FloraBiotica Plus<sup>TM</sup> Enhanced

FloraBiotica Plus is a high potency, hypoallergenic and synergistic blend of 10 safe, probiotic bacteria vital to optimal health. Each probiotic species in FloraBiotica Plus offers unique functions and, when combined, provide synergistic probiotic nutritional support for both the small and large intestines and the vaginal and urinary tract. This product was scientifically formulated for individuals who require several different types of probiotic species to support the gastrointestinal and genitourinary tract.

#### **Multispecies Benefits**

Research supports the superiority of a multispecies probiotic formulation compared to single strains in achieving colonization and bioecological transformation of the complex gastrointestinal microenvironment. One example of this mutually beneficial interaction or synergy, termed "proto-cooperation", can be observed as increased efficacy against pathogens. Combined use of multiple species enhances growth and metabolic activity of the beneficial organisms resulting in increased nutrient consumption, a well-documented mechanism by which probiotics control gastrointestinal pathogens.

#### Beneficial Gastrointestinal Microflora: Dietary Essentials for Good Health

The human gastrointestinal tract is host to the most densely populated microbial ecosystem known. The gastrointestinal microflora are pivotal to the immune system, provide protection against pathogenic bacteria, supply nutrients and vitamins, facilitate mineral absorption, and metabolize cholesterol, bile acids, hormones and drugs.

Microflora within the gut consists of indigenous native species and healthful microorganisms that colonize the bowel only when they are consumed on a regular basis. Modern Western diets are not only deficient in numerous important nutrients, but lack the beneficial bacteria that are as important to health as any required vitamin or nutrient. For example, the highly advantageous lactic acid bacterium, Lactobacillus plantarum, colonizes the gastrointestinal tract of 100% of people in Africa and Asia consuming traditional diets rich in plant materials. In contrast, L. plantarum is found in less than 25% of Americans. Similar intestinal deficiencies of L. paracasei and L. rhamnosus in Western populations have been described. Dietary deficiencies of healthful bacteria are associated with intestinal dysbiosis or an imbalanced alteration in our normal gastrointestinal microflora with excessive populations of pathogenic microorganisms. Disruptions and derangements of our normal bowel microflora contribute to the increased incidence of allergic disorders, autoimmune diseases, irritable bowel syndrome, and inflammatory bowel diseases in Western society. It is clear that alterations of the normal intestinal balance of microorganisms due to antibiotics, immunosuppressants, pharmaceutical drugs, toxins, and gastric acid inhibitors result in intestinal and systemic health disturbances.

#### Beneficial Genitourinary Tract Microflora: Dietary Essentials for Optimal Health

Further, the genitourinary tract is populated by numerous different species of bacterial microflora. Probiotic bacteria such as

Lactobacillus and Bifidobacterium species are normally found in the vaginal microflora and are important to maintaining vaginal and urinary tract health. However, the normal vaginal microflora can be disrupted, which can allow undesirable microorganisms to proliferate. This product contains select probiotics to help maintain proper balance of beneficial microorganisms in the genitourinary tract and lend natural support by helping to maintain vaginal microflora, promoting a healthy acidic vaginal pH and by providing support against colonization of harmful yeast and bacteria.

This product is free of milk/casein, eggs, fish, shellfish, tree nuts, peanuts, wheat/gluten, corn, yeast, and soybeans and genetically modified organisms (GMOs). Contains no artificial colors, flavors or preservatives.

Suggested Use: 1 capsule daily with food.

This product was made in a GMP and ISO 9001:2008 registered facility.

Supplement Facts

Other ingredients: Vegetarian capsule (hydroxypr methylcellulose, water), proprietary polysaccha complex, and L-leucine.

Probiotic Blend (25+ billion CF		300 mg*
in a base of inulin (derived	from	
chicory root)		
Bifidobacterium species	18+ billion	CFUs*
Bifidobacterium infantis		
Bifidobacterium longum		
Bifidobacterium breve		
Bifidobacterium bifidum		
Bifidobacterium lactis		
Lactobacillus species	7+ billion (	CFUs*
Lactobacillus acidophilus		
Lactobacillus rhamnosus		
Lactobacillus gasseri		
Lactobacillus casei		
Lactobacillus plantarum		
*Daily Value not established.		

The Food and Drug Administration have not evaluated these statements. This product is not intended to diagnose, treat, cure, or prevent any disease.