PROBIOTIC PEARLS™
ACTIVE CULTURES

A well-functioning gastrointestinal tract is an important part of a strong immune system. Normal bowel microflora, such as *Lactobacilli* and *Bifidobacteria* species, support healthy gastrointestinal function through numerous mechanisms.* These probiotic bacteria contribute to a healthy intestinal environment by helping maintain an optimal pH and producing important nutrients and enzymes.* However, everyday factors such as poor diet, stress, and travel can disrupt healthy intestinal microflora, contributing to digestive upset and irregularity. Probiotic Pearls were developed by Integrative Therapeutics™ to help maintain a healthy balance of beneficial bacteria the body needs, supporting digestive function and providing immune support.*

Protecting the Active Cultures
In order for a probiotic supplement to be truly effective in the body, it must utilize a delivery form that protects the live, active cultures from a wide array of damaging, ever present environmental factors. Integrative Therapeutics’ Probiotic Pearls accomplish this with a novel encapsulating process, known as True Delivery™ Technology. This patented triple-layer coating system results in a convenient, one-of-a-kind delivery form that protects the vulnerable probiotics within from heat, moisture, oxygen, and stomach acid.

**True Delivery Technology Guarantees That Active Cultures:**
- Survive stomach acid
- Arrive in the intestines
- Remain alive for exceptional support

---

*THIS STATEMENT HAS NOT BEEN EVALUATED BY THE FOOD AND DRUG ADMINISTRATION. THIS PRODUCT IS NOT INTENDED TO DIAGNOSE, TREAT, CURE, OR PREVENT ANY DISEASE.*
PROBIOTIC PEARLS™

Background
In 1905, Dr. Elie Metchnikoff, a Russian scientist working at the famous Institut Pasteur in Paris, was the first to write about the health benefits of probiotics. Dr. Metchnikoff, who later won a Nobel Prize for his research on the immune system, wrote that Bulgarian peasants who consumed large amounts of sour milk lived long healthy lives. Examination of the sour milk by Dr. Metchnikoff led to his discovery of a unique lactic acid producing bacteria (later called Lactobacilli).

The historical association of probiotics with fermented dairy products led to extensive research validating Dr. Metchnikoff’s early observations. Investigations during the past several decades have demonstrated numerous health supportive properties of probiotics on human digestion health.*1-3

How It Works
Numerous strains of gut microflora reside in significant numbers in the small intestine (10⁶-10⁸/gram of small intestinal contents) and even greater numbers in the colon (10¹¹-10¹²/gram of colon contents) or large intestine. The primary probiotics in the small intestine are in the Lactobacillus family. In the colon, the predominant probiotics are in the Bifidobacterium family. Microflora perform several activities beneficial to human health, including: supporting healthy digestion through fermentation, promoting healthy bacterial and yeast balance, and stimulating certain immune system components.*4 Oral probiotics help support the composition and metabolic activities of the large intestine microflora.*5

Probiotics are “live microorganisms administered in adequate amounts which confer a beneficial health effect on the host.”*6 Probiotic bacteria are frequently, but not always, chosen from bacteria that normally inhabit the gastrointestinal system of humans. Lactobacillus acidophilus, L. rhamnosus, and Bifidobacterium longum, species common to most of the Probiotic Pearls products, are examples of probiotics that occupy a central role in the gut microflora, thereby enabling them to influence the composition of the microflora to provide health benefits.*7

Protecting the Active Cultures
Integrative Therapeutics™ developed True Delivery™ Technology to protect the active cultures in Probiotic Pearls™ against four significant environmental factors.

- **Heat:** Due to the specialized coating, this technology does not expose the delicate probiotics to extreme levels of heat, which can damage these fragile microorganisms.

- **Moisture:** The triple-layer shell and internal lipid core protects the probiotics from moisture exposure, a problematic factor known to dramatically reduce probiotics’ viability.

- **Oxygen:** The patented triple-layer coating provides a barrier against oxygen penetration into the probiotic core. This protection is critical for the stability of probiotics; it ensures the active cultures maintain viability throughout product shelf-life – not simply ‘at time of manufacture.’

- **Stomach Acid:** Unprotected probiotics, such as Lactobacilli and Bifidobacteria, can be damaged or even killed by the acidic environment of the stomach. True Delivery Technology ensures the select probiotics are protected from stomach acid exposure, allowing them to be delivered alive and intact and ready to colonize the intestines.
The Probiotic Pearls Line
The line of Probiotic Pearls provide different combinations of live cultures to meet various digestive and immune system needs.*

All of the Probiotic Pearls products contain Lactobacilli and Bifidobacteria, which have been shown to help to support healthy digestion, support immune system homeostasis, promote healthy bacterial and yeast balance, support skin health, and promote normal intestinal permeability.*

Probiotic Pearls™
Probiotic Pearls active cultures contain 1 billion Colony Forming Units (CFU) of a blend of Lactobacillus acidophilus and Bifidobacterium longum. This science-based nutritional supplement was designed to help support healthy gastrointestinal and immune function when taken daily.*

30ct: Integrative Therapeutics/136001, Emerson Ecologics/PRO74, Natural Partners/IT001
90ct: Integrative Therapeutics/136002, Emerson Ecologics/PRO73, Natural Partners/IT004

wheat free gluten free corn free

Pro-Flora™ Concentrate with Probiotic Pearls™ Technology
Pro-Flora Concentrate intensive care probiotics contains 1 billion CFU of a broadspectrum combination of Lactobacilli (L. acidophilus, L. rhamnosus) and Bifidobacteria (B. bifidum, B. lactis, B. longum, B. breve) for digestive support.* With more strains for comprehensive intestinal care, Pro-Flora Concentrate provides protection against occasional digestive discomforts and supports colon health.*

30ct: Integrative Therapeutics/74363, Emerson Ecologics/PPPCFC, Natural Partners/IT0031
90ct: Integrative Therapeutics/74369, Emerson Ecologics/PR123, Natural Partners/IT0048

wheat free corn free

*THIS STATEMENT HAS NOT BEEN EVALUATED BY THE FOOD AND DRUG ADMINISTRATION. THIS PRODUCT IS NOT INTENDED TO DIAGNOSE, TREAT, CURE, OR PREVENT ANY DISEASE.
Pro-Flora™ Immune with Probiotic Pearls™ Technology

Pro-Flora Immune is an immune-strengthening formula combining probiotics with lactoferrin, an iron binding protein which supports healthy modulation of gut microflora and attachment of beneficial bacteria to the intestinal wall.*8-10 The 1 billion CFU blend of probiotics includes *Lactobacilli (L. plantarum, L. acidophilus)* and *Bifidobacteria (B. lactis and B. longum)*.

30ct: Integrative Therapeutics/74403, Emerson Ecologics/PPPFI, Natural Partners/IT0037

wheat free  corn free

Probiotic Pearls™ ADVANTAGE

Probiotic Pearls ADVANTAGE contains a 5 billion CFU blend of *Lactobacilli (L. plantarum, L. acidophilus)* and *Bifidobacteria (B. lactis, B. longum)*. Similar to other probiotics in the line of Pearls products, Probiotic Pearls ADVANTAGE relieves occasional gas, bloating, and indigestion.* This probiotic combination was selected for its ability to tolerate harsh gastrointestinal environments and release live and intact microflora in the intestines for exceptional results.*

60ct: Integrative Therapeutics/70652, Emerson Ecologics/PR131, Natural Partners/IT0071

wheat free  corn free

References


*THIS STATEMENT HAS NOT BEEN EVALUATED BY THE FOOD AND DRUG ADMINISTRATION. THIS PRODUCT IS NOT INTENDED TO DIAGNOSE, TREAT, CURE, OR PREVENT ANY DISEASE.