

ProbioSpore™

High-potency, broad-spectrum, spore-based probiotic

Designs for Health's ProbioSpore™ is an industry-leading broad spectrum therapeutic spore-based probiotic used to optimize gastrointestinal (GI) health*. Spore-based strains such as Bacillus are vital to the food chain as they have the intrinsic ability to produce a multitude of enzymes, secretory proteins, antimicrobial compounds, vitamins, and carotenoids.*

What are spore-forming probiotics?

Spore-forming probiotics are soil-based microorganisms found in dirt and vegetation that possess the ability to surround themselves with durable coats of protein, allowing them to survive in hostile environmental conditions. Unlike most traditional probiotics which are similar to those naturally found in the human GI tract (e.g., lactobacilli, bifidobacteria), spore-based probiotics are delivered as dormant spores. The endospores encapsulate the beneficial bacteria strains making them extremely stable and highly resistant to stomach acid's low pH, resulting in delivery of more usable probiotics to the intestines where they then revert to active, growing bacteria.

Spore-based probiotics are naturally-occurring, friendly bacteria that may support health in several key ways, including*:

- Assisting with digestion and nutrient assimilation
- Stimulating normal microflora balance in the intestines
- Supporting healthy immune function
- Maintaining bowel health and promoting bowel regularity

Benefits*:

- Promotes digestive health and bowel regularity
- Stimulates balance in the gut
- Supports healthy immune function
- Supports a healthy inflammatory process

Why do we need probiotics?

Nearly 70% of the immune system is associated with the GI tract through synergistic interactions with various bacteria colonies (flora) that reside in our GI tract to maintain its health and function. Imbalances in this gut flora — either an absence of beneficial bacteria or an overgrowth of unhealthy organisms — can interfere with our search for optimal health. Abdominal pain, bloating, gas, constipation, diarrhea, and a struggling immune system are some common symptoms of imbalanced gut flora. Antibiotic therapy, illness, poor diet, stress, and environmental toxins affect the health of our gut flora. In the past, regular consumption of fermented foods helped to maintain healthy gut flora, but these foods are increasingly rare in our diet. The combination of unhealthy lifestyles and a lack of fermented foods in the diet makes it important for most people to supplement with probiotics. Diversity is important with respect to probiotic supplementation, so incorporating spore-based probiotics alongside probiotic strains of human origin may provide a comprehensive, beneficial effect.

These spore-forming bacilli are resistant to heat and ambient humidity, thus no refrigeration is required. The spores are also resistant to ultraviolet radiation, solvents, hydrogen peroxide, and enzymes.

Recommended Use:

As a dietary supplement, take 1 capsule per day with a meal, or as directed by your health care practitioner.



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