

Perm A vite®

Intestinal Permeability Formula



(Hypoallergenic)

Item # 52490

Available in bottles of 300 grams of powder

The Possible Benefits of Perm A vite®, a Dietary Supplement

- May enhance the protective and barrier functions of the gut walls*
- May support healthy, normal permeability*
- Provides fuel sources used by intestinal colonocytes, and fiber

Description

Perm A vite® powder provides a blend of natural materials that may participate in maintaining the normal structure and functions of the gastrointestinal tract.* Over the past several years there has been increasing appreciation of the significance of the integrity of the intestinal barrier in relation to the health of the entire body. A healthy gut is characterized by normal permeability, which supports healthy absorption and utilization of nutrients and excretion of potentially toxic or antigenic materials.* A healthy gut is also able to provide a home for friendly bacteria, while preventing whole bacteria or bacterial endotoxins from translocating across the gut walls into the lymph glands, liver, lungs and other organs.* A variety of natural materials have been shown in experimental and clinical studies to enhance the protective and barrier functions of the gut walls, and hence to support healthy, normal permeability and normal bacterial location.*

The amino acid L-Glutamine is important as a fuel source for colonocyte maintenance and repair, as well as for proper intestinal immune function.* L-Glutamine has been well studied as a nutritional support for healthy gastrointestinal function.*

Cellulose and Slippery Elm supply insoluble and soluble varieties of fiber, both of which have a role in supporting intestinal health.* The soluble fibers are fermented in the gut by healthy bacteria, releasing short-chain fatty acids such as acetate and butyrate, preferential fuel sources of intestinal cells. These fatty acids, in turn, provide direct intraluminal nutrition to the gut walls, enhancing their integrity and barrier function.* Cellulose, which is almost pure insoluble fiber, acts in a mechanical fashion (like a broom), and can support the natural regulating of transit time and enhancing the binding and elimination of waste and toxins.*

Epithelial Growth Factor is a polypeptide that appears to be involved

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in maintaining the structure and integrity of the stomach and the whole gastrointestinal tract.* It may help inhibit gastric acid secretion, and may participate in the local defense of the duodenum.* Some evidence suggests that epithelial growth factor may work synergistically with glutamine.*

N-Acetyl-D-glucosamine (NAG) is a principal constituent of glycosaminoglycans (formerly known as mucopolysaccharides) and is thus a vital compound in connective tissue.* The gastric epithelium is very rich in glycosaminoglycans, which are involved in maintaining structural integrity.* In addition, NAG appears

to be a probiotic factor which may stimulate the growth of favorable bacterial flora.*

Methylsulfonylmethane, or MSM, is a source of biological sulfur, which is a major component in many of the body's proteins, tissues, hormones and enzymes. Sulfur is the foundation for proper conformation of extracellular body proteins, holding connective tissue together as well as maintaining the structure of antibodies and hormones.* MSM can provide sulfur to the amino acids cysteine and methionine. MSM appears to enhance mucosal membranes, and may also support healthy probiotic balance in the gut.*

Serving Size: 1 Tablespoon (8 g)

Servings Per Container: 37

Amount Per Serving:

Calories	15
Total Carbohydrates	3.7 g
Dietary Fiber	3.7 g
Cellulose	3.7 g
L-Glutamine	3.7 g
N-Acetyl-D-Glucosamine (shrimp, crab, lobster)	185 mg
Slippery Elm (<i>Ulmus rubra</i>) (Bark) Powdered	110 mg
Stevia (<i>Stevia rebaudiana</i>) (Leaves) Extract	30 mg
Glandular Complex with Epithelial Growth Factor	70 mg
MSM (Methylsulfonylmethane)	160 mg

Suggested Use: As a dietary supplement, 1 level tablespoon one to three times daily, or as directed by a healthcare practitioner. Sensitive individuals may want to start with a lower dose and increase gradually. Best taken 1 hour before or after a meal.



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