



ThorneVet Gut Health Formula

Formerly Gastriplex

Gastrointestinal support for dogs and cats

Supports the health of the entire GI tract in dogs and cats who suffer from poor digestion, food intolerance, indiscreet eating, poor quality pet foods, antibiotics, or stress.

Comprehensive intestinal support

Carelessness in eating, poor quality pet foods, and stress can all contribute to gastrointestinal problems in companion animals. Altered intestinal microbial flora can occur alone, but it is often just one component of gastrointestinal health, which can also include malabsorption and increased gut permeability. The animal's intolerance to foods can result.

ThorneVet's Gut Health Formula is a comprehensive intestinal support supplement that combines nutrients for mucosal support and gut integrity with probiotics and nutrients to maintain a healthy inflammatory response.

Key Nutritional Support Features

- | Maintains healthy upper and lower GI mucosa
- | Decreases gut hyperpermeability
- | Provides healthy probiotics for improved digestion

Gut Health Formula – Special Ingredients

L-Glutamine and NAG

The amino acid **L-glutamine** is the primary fuel for the enterocytes of the small intestine and plays a key role in maintaining mucosal cell integrity and gut barrier function. **Glutamine** can also support gut immune function. Various stressors – such as trauma, infection, malnutrition, chemotherapy, and others – can impact the normal function of the enterocytes. Under certain circumstances, the body's tissues need more **Glutamine** than the amount supplied by diet and internal production, necessitating supplementation. **N-acetyl-D-glucosamine (NAG)** promotes a healthy mucin layer in the stomach and intestines. Mucin protects the gut mucosa from potentially harmful enzymes, bacteria, and changes in pH. **NAG** inhibits binding of bacteria to the gut mucosa and enhances the growth of *Bifidobacterium bifidum*.

Two Probiotics

Saccharomyces boulardii is a non-pathogenic yeast that decreases intestinal permeability. In clinical studies, *Saccharomyces boulardii* increased the production of secretory IgA, the first-line defense immunoglobulin of the gastrointestinal tract. This beneficial yeast also may be effective for occasional diarrhea. *Bacillus coagulans* (also referred to as *Lactobacillus sporogenes*) is a safe and effective probiotic that needs no special handling and survives passage through the acidic stomach. It produces L(+) lactic acid in the intestines. This beneficial bacteria is a spore-forming organism that remains dormant until exposed to acid in the stomach, thus assuring activity in the intestines.

Three B Vitamins

ThorneVet's Gut Health Formula includes the tissue-ready form of **Vitamin B12 – Methylcobalamin**. Companion animals who have inflammatory bowel issues have been shown to have reduced absorption of **Vitamin B12**. Oral supplementation of this tissue-ready form of **Vitamin B12** provides this important co-factor for many integral biochemical processes. **Gut Health Formula** also includes **L-5-Methyltetrahydrofolate (or 5-MTHF)**, a tissue-ready form of Folate that provides important support for optimal liver detoxification, as well as cardiovascular health and nervous system function. Both **Pantothenic Acid**, also known as **Vitamin B5**, and **Folate**, also known as **Vitamin B9**, help convert digested food, especially carbohydrates, into energy. The presence of **Pantothenic Acid** is also required for breaking down cholesterol. These three **B vitamins** are included in **Gut Health Formula** because these **B vitamins** are often deficient in cases of compromised nutrient absorption or poor digestive function.

Three Botanical Extracts

Slippery elm is a demulcent and emollient, providing soothing protection for the mucus membranes of the intestinal tract. It is helpful in cases where the GI mucosa is irritated. **Deglycyrrhizinated licorice (DGL)** is well known for its ability to optimize mucus production by gastrointestinal mucosal cells and to promote a healthy GI tract. **Licorice root** preparations have been used for many years for the nutritional support of the stomach and duodenum. **Quercetin** is the most abundant dietary flavonoid with significant protection of the gastrointestinal tract. A number of quercetin's effects appear to be due to its antioxidant activity. **Quercetin** scavenges free radicals and its antioxidant effects help promote a healthy inflammatory response. **Quercetin** is provided as a phytosome (quercetin bound to sunflower-sourced phospholipid for enhanced bioavailability).

By addressing the processes that cause digestive dysfunction from multiple avenues, **ThorneVet's Gut Health Formula** provides a broad-spectrum solution to many of the digestive problems encountered in companion animals.



Gut Health Formula Comprehensive GI Tract Support



1 scoop daily



1 scoop per 15 pounds
of body weight daily

V946-P / 180 Scoops

PRODUCT FACTS	180 Scoops per Container
Active Ingredients per 2.5-cc Scoop:	
N-Acetyl-D-Glucosamine	100 mg
L-Glutamine	100 mg
Slippery Elm (bark) (<i>Ulmus rubra</i>)	100 mg
Deglycyrrhizinated Licorice (root) (<i>Glycyrrhiza spp.</i>)	25 mg
<i>Bacillus coagulans</i> (15 billion CFUs)	25 mg
Quercetin Phytosome (<i>Sophora japonica</i> concentrate (leaf) / Phospholipid complex from Sunflower)	25 mg
<i>Saccharomyces boulardii</i>	25 mg
Calcium Pantothenate (Vitamin B5)	12.5 mg
L-5-Methyltetrahydrofolic Acid, Glucosamine Salt	50 mcg
Methylcobalamin (Vitamin B12)	50 mcg
Inactive ingredients:	
Flaxseed, silicon dioxide.	

THORNEVET

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GLUTEN FREE