



# Gastriplex<sup>®</sup>

Gastrointestinal support for dogs, cats, and horses

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**Supports the health of the entire GI tract in dogs, cats, and horses 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 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. Intolerances to foods can result.

Gastriplex 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

# Gastriplex® – Special Nutrients

## L-Glutamine and NAG

**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 gut. 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*.

## 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.

## B Vitamins

Both **Pantothenic Acid**, also known as **Vitamin B5**, and **Folic Acid**, also known as **Vitamin B9**, help convert digested food, especially carbohydrates, into energy. Both of these B vitamins are included in **Gastriplex** because these two B vitamins are often deficient in cases of compromised nutrient absorption or poor digestive function. The presence of **Pantothenic Acid** is also required for breaking down cholesterol, and **Folic Acid** is essential for optimal liver detoxification.

## 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. **Deglycyrrhized 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).



V946-SC / 180 Soft Chews

**Gastriplex**  
Gastrointestinal support  
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-  1 soft chew daily
-  1 soft chew per 15 pounds body weight daily
-  12-20 soft chews daily



**GLUTEN FREE**

## PRODUCT FACTS

### Active Ingredients per 2-gram Soft Chew:

N-Acetyl-D-Glucosamine	100 mg
L-Glutamine	100 mg
Slippery Elm (bark) ( <i>Ulmus rubra</i> )	100 mg
Deglycyrrhized Licorice (DGL) (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
Folic Acid	50 mcg

### Inactive ingredients (soft chew matrix):

Arabic gum, buffered white distilled vinegar, chick pea flour, chicory root, citric acid, coconut glycerin, coconut oil, guar gum, natural hickory smoke flavor, rosemary extract, sunflower lecithin, sunflower oil, tapioca starch.

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