

FELINE ENTERIC SUPPORT

***Feline Enteric Support** is a blend of ingredients that provide support for a wide range of intestinal situations. These ingredients are known as functional foods, and include a broad grouping of tissue concentrates, whole vitamin complexes, and botanical components. In addition to support for enteric disorders, this product can be used in conjunction with many common drug protocols.*

*Proper intestinal function is essential for optimum health. Intestinal function has a direct and indirect impact on multiple body systems, especially the liver, kidney and immune systems. **Feline Enteric Support** is formulated to help normalize digestive function, promote healing and repair of digestive tissues, and to enhance the ability of intestinal cells to function and react to daily metabolic and immune challenges.*

Indications for use:

- General enteric support
- Patients with abnormal enteric function or with increased metabolic demand
- Patients receiving drugs that are known to create enteric stress
- Hepatic patients in need of additional enteric support
- Patients with chronic immune disorders (hypersensitivity, immune dysfunction)
- Clinical signs associated with enteric dysfunction including decreased appetite, depression, vomiting, and diarrhea.
- Abnormal ALT, alkaline phosphatase, bile acids studies, and enteric histopathology.

Systems Supported:

- **Small Intestine** – primary support for the small intestine mediated with L-glutamine, desiccated duodenum, desiccated jejunum, desiccated stomach, chlorophyll, veal bone PMG, chlorophyll, allantoin, nutritional yeast, and rice bran
- **Liver** – primary support for the liver is mediated with desiccated liver, nutritional yeast, rice bran
- **Immune Tissues** – primary support for the immune tissues with desiccated jejunum, L-glutamine, spleen, desiccated jejunum, and veal bone PMG

Whole Food Ingredient Sources:

- **Tissue desiccates** – liver, kidney, parathyroid, jejunum, duodenum, and stomach
- **Vitamin A complex** – liver and kidney
- **Vitamin B complex** – nutritional yeast, rice bran, and defatted wheat germ
- **Vitamin C complex** – mushroom and black currant juice
- **Vitamin E complex** – defatted wheat germ
- **Minerals** – *Strombus gigas*
- **Protomorphogens** – veal bone

Individual Ingredients:

Porcine stomach – cellular materials derived from the stomach. Used to improve the cellular biochemistry of the gastric mucosa, submucosa, and the neuronal components. This is important for the ability to respond to physiological demands.

L-glutamine – used as a primary energy source for enterocytes. Important for maintaining mucosal integrity and tight junctions (Buchman 1999).

Porcine duodenum – used to improve cellular biochemistry of the duodenum. Known to produce digestive secretions, like secretin, which promotes secretion of pancreatic fluid and bicarbonate (Chey, 2003).

Porcine jejunum – Important for maintaining the integrity of intestinal mucosa for proper absorption.

Bovine and ovine spleen – provides cellular materials from immune cells in the spleen.

Defatted wheat germ – source of vitamin E complex, vitamin B complex, trace minerals, antioxidant.

Bovine Liver – liver support, provides important cell substrates for hepatic cells and the Kupffer cells. Important both for the metabolic processes of the liver such as histamine detoxification and for particulate and bacterial toxin removal (increased intensity in Leaky Gut Syndrome).

Veal Bone PMG – source of bone protomorphogen, minerals, provides support for connective tissue structure and immune cells in bone marrow.

Nutritional yeast - provides a range of the whole vitamin B complexes that aid in nerve conduction and intestinal contractions.

Rice bran - - provides whole vitamin B complex, important for cell energy reactions.

Allantoin – a substance found in amniotic fluid and certain plants that is reported to promote natural cellular regeneration.

Chlorophyll extract - support intestinal mucosa, provides minor levels of detoxification

Alfalfa juice – source of bioavailable protein, vitamin A, C, E, K complexes, carotenoids, chlorophyll, calcium, potassium, phosphorus, isoflavonoids and triterpene saponoids.