Entero Health Pro

MILLIGRAM LEVELS BELOW ARE PER CHEW

WEIGHT	ALL WEIGHT RANGES
SPECIES	CANINE+FELINE
ENTERO-CHRONIC PROPRIETARY BLEND (α-Glucans, mannan oligosaccharides (MOS), β-Glucans, mucopolysaccharides)	1,500 mg
SLIPPERY ELM *(ULMUS RUBRA)* BARK	100 mg
L-ARGININE	40 mg
PEPZINGI® ZINC CARNOSINE (ZnC chelate complex)	40 mg

DIRECTIONS FOR USE	0–30 lbs: 1 chew daily	31–60 lbs: 2 chew daily	61+ lbs: 3 chews daily

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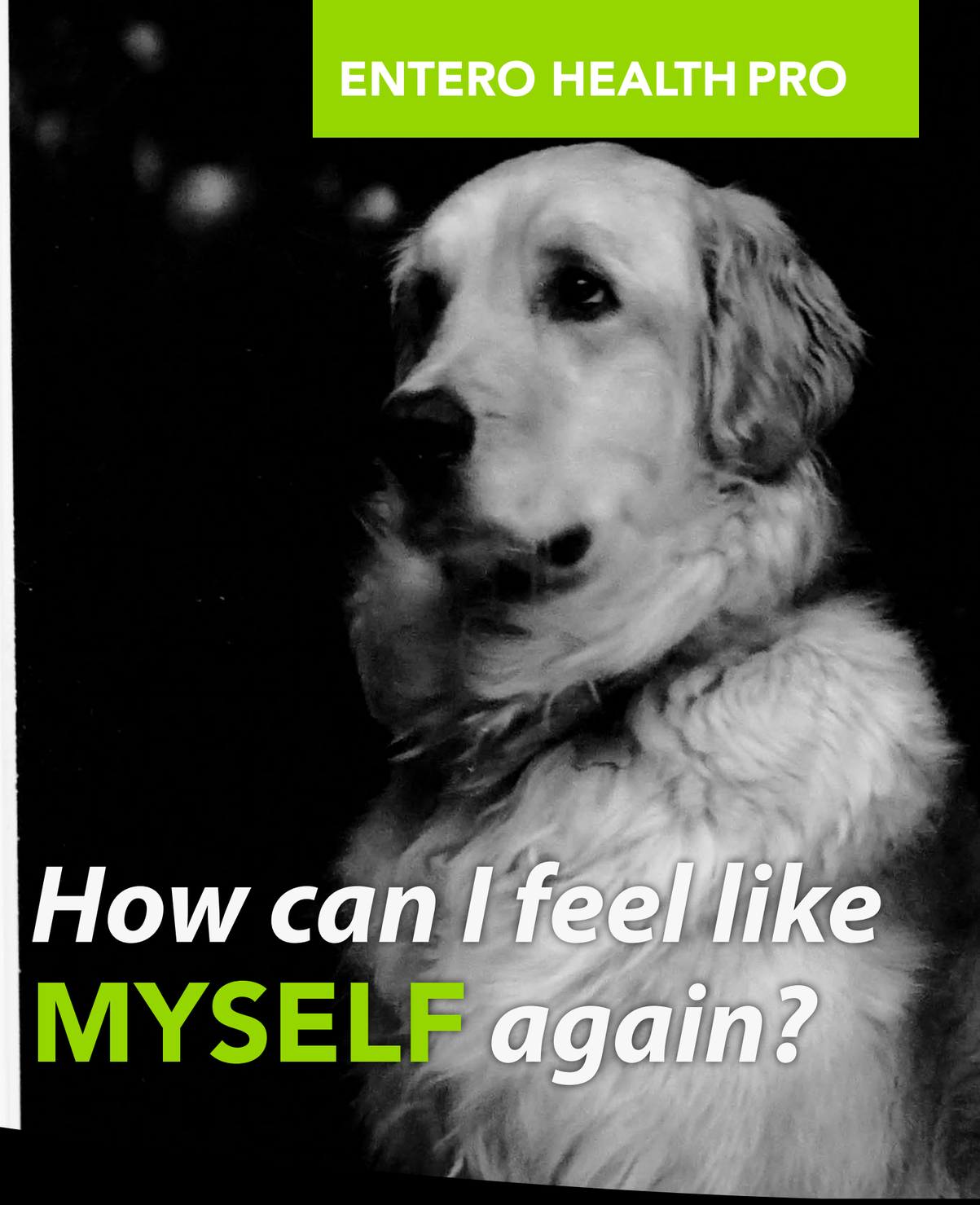
VetriSCIENCE® Laboratories PRO LINE

20 New England Drive, Essex Junction VT, 05452 USA / 1.800.882.9993 / www.vetriproline.com



ENTERO HEALTH PRO

How can I feel like **MYSELF** *again?*

VetriSCIENCE® Laboratories PRO LINE

REGULARITY AND BALANCE

Entero Health Pro supports long-term intestinal health in dogs and cats and may help manage recurring diarrhea. Over time, Entero Health Pro helps normalize bowel function by supporting the protective layers of the GI tract.

Entero-Chronic® Blend — clinically researched blend of four ingredients

α – glucans

» A fermentable polysaccharide resistant to digestion that, when fermented by some bowel bacteria, produces Butyrate. Butyrate is the main energetic substrate of colonocytes, which are the epithelial cells of the colon, and which aid in repairs to the intestinal epithelium[1,2]

» **α** – glucans also have shown anti-inflammatory properties in several studies:

- › Regulation of production of PGE2 by Kuppfer cells.[3]
- › Inhibition of Th1 response.[4,5]
- › Inhibition of lymphocyte B function.[6]
- › Reduction of T cell infiltration in the intestinal epithelium.[7,8]

β – glucans

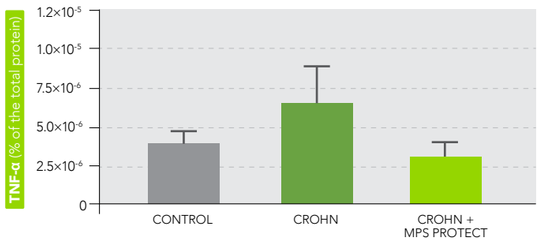
» Non-digestive carbohydrates that are the specific substrate of beneficial bacteria. Various studies also suggest that beta glucans may stimulate immune function by increasing the number of T-helper cells, increasing the activity of natural killer cells, or by increasing the levels of interferon gamma and tumor necrosis factor alpha.

MOS

» Mannan oligosaccharides. Harmful bacteria contain specific mannose fimbriae used for attaching to the epithelium. MOS attaches to these fimbriae, blocking the ability of bacteria to attach to the walls of the intestines. The MOS and its passenger and then voided. MOS neutralise attachment of harmful bacteria to the epithelium and increase excretion.[9,10]

MPS PROTECT

A mucopolysaccharide that reinforces the intestinal mucin. The intestinal mucins are complex glycoproteins which form a gel-like covering over the mucosal surface, in order to lubricate and protect the epithelium against damage and pathogens. In clinical trials, MPS Protect has been shown to reduce bowel inflammation (TNF-a) by 60%, and attenuates weight loss.[11]



Tissue levels of a TNF-α in ileum samples in the control group, the Crohn group, and the Crohn group treated with MPS-Protect.

Entero-CHRONIC

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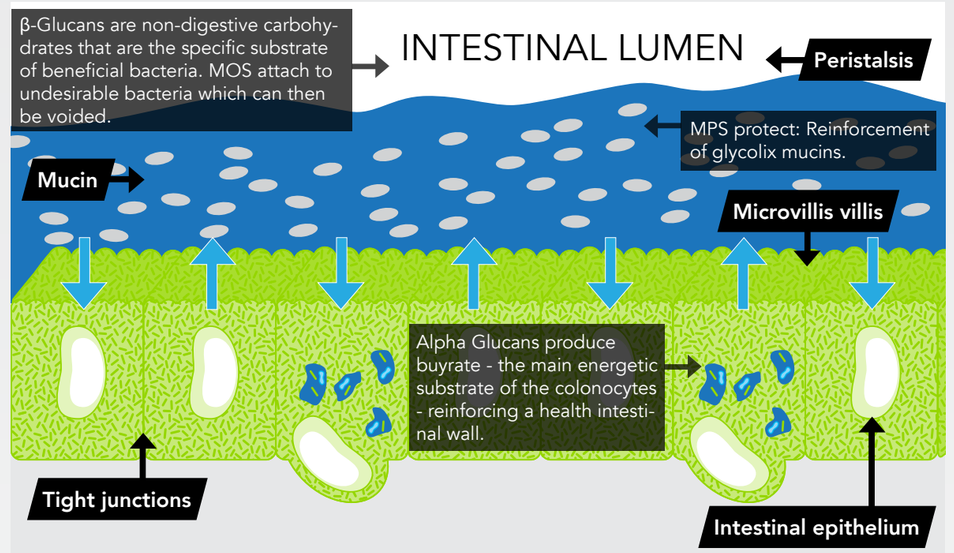
PepZin GI® is a registered trademark of Hamari Chemicals, LTD. Osaka, Japan

PATENTED. PROVEN. STUDIED.

Entero-Chronic® Blend—Summary of Mechanism of Action



PEPZINGI®

A chelated complex of the essential trace mineral element zinc and the amino acid L-carnosine

» PepZinGI®, a novel patented crystalline chelate compound consisting of L-carnosine (N-β-alanyl-L-histidine) and zinc combines the two physiologically important substances in one entirely new molecule.[12] This special chelated form of the mineral zinc has a unique ability to exert its effects directly on the cells of the stomach lining. When zinc is complexed to L-carnosine, it dissociates in the stomach at a slower rate. This prolonged existence allows it to maintain its gastric healing effect over a longer period of time.[13]

» Both L-carnosine and zinc have common pharmacological properties such as antioxidant, membrane stabilizing, immunomodulating, and tissue building effects, which have been investigated in animals.[14,15]