

# GI-Revive™



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GI-Revive™ is a synergistic formula offering comprehensive support for optimal gastrointestinal health and function. It provides therapeutic levels of nutrients which support gastrointestinal mucosal repair and help fight inflammation along with ingredients to promote intestinal regularity.

## GI-Revive™ Features:

### Zinc Carnosine

Zinc carnosine is included in this formulation due to its impressive mucosal-protective and anti-ulcerative properties, including the ability to protect the intestinal lining against damage due to indomethacin and other strong anti-inflammatory medications often associated with intestinal mucosal damage.

### L-Glutamine

Glutamine is the most important nutritional substance for healthy intestinal cells. It is one of the most commonly used amino acids in the body to repair tissues, particularly high turnover tissue such as the epithelial cells of the intestinal lining. Supplemental L-glutamine has been shown to have immunomodulatory, anticatabolic/anabolic and gastrointestinal mucosal-protective actions. It may also have antioxidant activity as it is a precursor for glutathione synthesis. Under stress, the body relies on glutamine to help meet its extra energy needs. Supplemental L-glutamine is used in medical foods for such stress situations as trauma, cancer, infections and burns. Glutamine deficiency can cause severe intestinal degradation and supplementation can enhance intestinal healing and repair. It is essential in maintaining proper intestinal permeability and avoiding “leaky gut syndrome.” Leaky gut syndrome can result in increased toxic and allergy exposure, systemic inflammation, and autoimmune disease.

### MSM and Quercetin

These anti-inflammatory substances can reduce the chronic inflammation which is often the reason why the intestinal lining becomes damaged and “leaky.” Quercetin can also provide direct anti-inflammatory action by stabilizing intestinal mast cells and can improve tissue health through its antioxidant functions.

### N-Acetyl Glucosamine

N-Acetyl Glucosamine aids in the production of health supportive structures for the cells of the intestinal lining. The increased production of glycosaminoglycans (GAGs), which can occur as a result of supplementation of these nutrients, can help support proper mucosal health and reduce intestinal permeability. In studies on mice, Dr. Michael Demetriou and colleagues with the UC Irvine Center for Immunology found that N-Acetyl Glucosamine (GlcNAc), which is similar but more effective than the widely available glucosamine, shows potential to help those suffering from autoimmune diseases by inhibiting the growth and function of abnormal T-cells that incorrectly direct the immune system to attack specific tissues in the body, such as brain myelin in MS and insulin-producing cells of the pancreas in diabetes. Study results appear a 2007 paper in the *Journal of Biological Chemistry*. This study comes on the heels of others showing the potential of GlcNAc in humans. One previous clinical study reported that 8 of 12 children with treatment-resistant autoimmune inflammatory bowel disease improved significantly following two years of treatment with GlcNAc. No significant adverse side effects were noted.

### DGL, Slippery Elm, Marshmallow, Chamomile, Okra, and Cat's Claw

These mucilaginous and relaxing herbs can provide comprehensive enhancement of intestinal function by coating and soothing the intestinal lining, promoting the healing of ulcers and inflamed tissue, and reducing cramping by relaxing the intestines. GI Revive™ contains this impressive comprehensive blend of botanicals that have a long traditional use in gastrointestinal disorders.

### Benefits of GI-Revive™:

- Rejuvenates intestinal mucosal health
- Promotes proper intestinal ability (appropriate for “Leaky Gut”)
- Provides healing for ulceration and inflammation
- Promotes regularity and healthy bowel function

## Mucin

Mucin is a glycoprotein, normally secreted by the intestinal epithelial cells, containing sialic acid and N-neurominic acid. It can serve to coat the intestinal lining and to neutralize intestinal antigens, along with sIgA, reducing the inflammation and tissue damage caused by food allergy, intestinal infection and dysbiosis.

## Prune Powder and Citrus Pectin

These two ingredients are included to safely aid in regularity without the caustic and damaging effects of commonly used herbal laxatives such as *Cassia marilandica* (senna) and *Rhamnus purshiana* (cascara sagrada).

## GI Revive™ Powder and Capsules

Recommended Use: 8 grams (approx one tablespoon) of powder or 7 capsules per day

### GI Revive™ Powder

#### Supplement Facts

Serving Size 8 grams (approx. one tablespoon)  
Servings Per Container 56

Amount Per Serving	% Daily Value	Amount Per Serving	% Daily Value
L-Glutamine	1.5 g *	Chamomile ( <i>Matricaria chamomilla</i> )(flower)	100 mg *
N-Acetyl Glucosamine	1.0 g *	Okra Extract ( <i>Abelmoschus esculentus</i> )(fruit)	100 mg *
Citrus Pectin	1.0 g *	Cat's Claw ( <i>Uncaria tomentosa</i> )(bark)	100 mg *
Deglycyrrhizinated Licorice (DGL) ( <i>Glycyrrhiza glabra</i> )(root)	400 mg *	Methylsulfonylmethane (MSM)	100 mg *
Aloe Vera Extract ( <i>Aloe barbadensis</i> )(leaf)	300 mg *	Quercetin	100 mg *
Slippery Elm ( <i>Ulmus pulmila</i> )(bark)	200 mg *	Prune Powder	100 mg *
Mucin	200 mg *	Zinc Carnosine	75 mg *
Marshmallow ( <i>Althea officinalis</i> )(root)	100 mg *		

\*Daily Value not established.

**Other Ingredients:** Natural peach flavor (xylitol, silicon dioxide, xanthan gum, citric acid, soy lecithin, stevia [leaf] extract, beta carotene [color]), decaffeinated black tea (*Camellia sinensis*)(leaf).

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### GI Revive™ Capsules

#### Supplement Facts

Serving Size 7 capsules  
Servings Per Container 30

Amount Per Serving	% Daily Value	Amount Per Serving	% Daily Value
L-Glutamine	1.5 g *	Okra Extract ( <i>Abelmoschus esculentus</i> )(fruit)	100 mg *
N-Acetyl Glucosamine	1.0 g *	Cat's Claw ( <i>Uncaria tomentosa</i> )(bark)	100 mg *
Citrus Pectin	1.0 g *	Methylsulfonylmethane (MSM)	100 mg *
Deglycyrrhizinated Licorice (DGL) ( <i>Glycyrrhiza glabra</i> )(root)	400 mg *	Quercetin	100 mg *
Aloe Vera Extract ( <i>Aloe barbadensis</i> )(leaf)	300 mg *	Prune Powder	100 mg *
Slippery Elm ( <i>Ulmus fulva</i> )(bark)	200 mg *	Zinc Carnosine	75 mg *
Mucin	200 mg *		
Marshmallow ( <i>Althea officinalis</i> )(root)	100 mg *		
Chamomile ( <i>Matricaria chamomilla</i> )(flower)	100 mg *		

**Other Ingredients:** Microcrystalline cellulose, vegetable stearate.