



▼ **INGREDIENTS**

Supplement Facts	
Serving Size: 2 capsules	
Amount Per Serving	% Daily Value
Zinc (Chelate).....	4 mg 28%
Proprietary Blend.....	950 mg
L-Alanyl-L-Glutamine; Lion's Mane Mushroom; Acetic Acid (Apple Cider Vinegar); Goldenseal (Rt); Spearmint (L); Licorice (Rt); Black Radish (Rt); Calcium Butyrate; Bioferrin; Arachidonic Acid; Fructooligosaccharides; Grape Seed (Ext); RNA/DNA Duodenal Tissue Factors; Aitantoin; Turmeric; Mangosteen (Ft); Genistein; Aloe Vera; Gogi (Ft); Oregon Grape (Rt); Calcium Carbonate; Rhubarb (Rt); Alpha-Galactosidase; Sea Salt	

* Daily Value is not established.
Other Ingredients: Gelatin, Leucine and Silica

▼ **DOSAGE**

- 1-2 capsules away from food 2 times per day, or as directed.

▼ **PACKAGING**

- Capsules: 60 capsules/bottle.

▼ **PERSPECTIVE**

Based on 21st Century scientific research focused on the dramatic increase of gastrointestinal issues and new findings regarding the importance of the gut microbiome, the need for nutrients that support the normal cessation of zonulin triggers and the normal repair of the gut epithelium has moved to a forefront consideration for clinicians. With further research that proves "Leaky Gut = Leaky Brain," gut health is a number one concern for health maintenance.

▼ **LIFESTYLE**



#467 LGUT (Leaky Gut Mastery)

Gastrointestinal permeability (leaky gut) severely impacts the normal, healthy human immune functions. Some 70% of the human immune system is centered in the intestines. Research reveals that key botanical nutrients help the normal regulatory processes and help restore tissue integrity to the intestinal epithelium and microbiome processes. Some nutrients provide protective molecules by up-regulating the tight junction protein claudin and down-regulating the protein zonulin. Other studies reveal that short chain fatty acids (SCFA), flavonoids, growth factors, phytotherapeutics such as berberine and quercetin are powerful influences for healthy G.I. tract integrity. Preserving the integrity of the epithelial barrier and supporting the normal maintenance processes are of paramount importance and foundational to health and healing programs.

▼ **INDICATIONS**

- Leaky gut normal repair processes
- Intestinal tissue nutrition
- Support the normal "set point" of immunological activities
- Tight junction integrity
- Support normal repair processes needed by some people who are damaged by hybridized grain ingestion

▼ **KEY COMPONENTS**

- **Lion's Mane Mushroom** – Provides beta glucan polysaccharides, fatty acids, and polypeptides in support of normal intestinal endothelial maintenance activity. Oleanolic acids and adenosine support immune modulatory processes such as the induction of interferons necessary for intestinal integrity. Supports normal mucous barrier function.
- **Gogi Berry** – A nutrient dense food featuring phytonutrients and antioxidants that help support healthy intestinal functions.
- **Quercetin** – A flavonoid found throughout nature in the bioflavonoid parts of citrus fruits. Studies demonstrate the positive effects of quercetin in vitro using G.I. cells. Tight junctions are maintained through what seems to be linked to the up-regulation of the tight junction protein claudin-4.
- **L-Alanyl-L-Glutamine** – Supports the normal exchange of nitrogen between tissues and aids normal glucose metabolism and cellular hydration. Supports the glucose-alanine cycle. Glutamine is the primary transporter between cells of nitrogen derived from protein breakdown, and it stimulates glucose-like peptide-1 (GLP-1). Supports normal glycogen synthesis.
- **RNA/DNA Duodenum Tissue Factors** – Supports the integrity of the duodenal intestines.
- **Acetic Acid** – Assists normal digestion and mobilization of sugars needed for energy and maintenance.
- **Goldenseal (Hydrastis canadensis)** – The plant alkaloid, berberine, is one of many alkaloids found in Goldenseal Root. Recent research shows berberine can help protect against TNF - a mediated barrier defect in a human colon cell model. Berberine is also a powerful supporter of immune relations with many bacterial and fungal species.
- **Genistein** – Strong antioxidant, removes damaging free radicals and reduces lipid peroxidation. Genistein increases the activity of other antioxidant enzymes such as glutathione peroxidase, superoxide dismutase and glutathione reductase. Studies show that genistein also influences the growth of cells which are not hormone-dependent and helps maintain proper cellular function.
- **Rhubarb** – Alkalizing food, contains lutein, vitamin k, and antioxidants (incl. lycopene). A bowel tonic and supporter of normal purification processes. Provides vitamins, K, C, A, and B complexes. Helps regulate intestinal health.

- **Black Radish** – A food frequently cited as supportive for the entire gastrointestinal tract and liver. Contains antioxidant properties that eliminate the free radicals that are often responsible for causing oxidative damage to cell membranes. Helps support normal purification processes.
- **Turmeric** – Extremely well researched and is a valuable herb that helps the secretory processes of digestive fluids. Antioxidant.
- **Bioferrin** – A unique, low-iron form of lactoferrin, a protein clinically proven to benefit the G.I. tract's normal, healthy activities. Supports the immune system in its normal viral vigilance.
- **Aloe Vera Leaf** – Provides healing mucopolysaccharides for intestinal repair and integrity.
- **Fructooligosaccharides/Inulin** – A prebiotic that promotes proliferation of probiotic species that help maintain normal gastrointestinal flora.

▼ **CONTRAINDICATIONS**

None when used as directed.

▼ **CLINICIAN CONSENSUS**

- Repair Intestinal Endothelium Integrity:
#467 LGUT - Leaky Gut Mastery
#6 Restore
#428 DSIR - Intergen
#200 AO - Aloe Vera

▼ **BACKGROUND**

Dr. Shayne Morris and Systemic Formulas has applied the latest herbalomic™ research on Leaky Gut and Intestinal Hyperpermeability to create this gut permeability, tissue integrity support formula. LGUT provides specific botanical and nutritional ingredients to support the body's inherent gastrointestinal maintenance processes.

▼ **SYNERGISTIC CONSIDERATIONS**

- #697 ZGlutn - Gluten Control
- #428 DSIR - Intergen
- #6/#2006 Restore
- #2/#2002 Builder
- #200 AO - Aloe Vera
- #404 BIND - Toxin Elimination
- #433 GCEL - Intracellular Glutathione
- #131 FBR - Fibers for Intestinal Health
- #14 C - Colon
- #100/#138 ABC - Acidophilus & Bifidus Complex & MBC - Microbiome Colonizer
- #17 D - Digest
- #610/#615 ACCELL Therapeutic

▼ **INFORMATION RESOURCES**

- www.systemicformulas.com

Quality Control: All herbal ingredients are tested before use for: microbes, heavy metals/contaminants, and assurance of correct genus/species.

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