

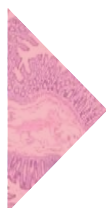
# MEGA MUCOSA™

## Mucosal Support Formula\*\*



MegaMucosa™ is the first complete mucosal support supplement of its kind, formulated to **REBUILD** a healthy mucosal barrier. MegaMucosa™ also contains dairy-free immunoglobulins clinically shown to support a healthy immune response in the mucosa and a state-of-the-art flavobiotic clinically shown to support microbial diversity and alleviate barrier dysfunction, otherwise known as leaky gut.\*\*

The mucosal system is a very important part of the human immune system. Not many people think of mucus as being protective, but it is the main interface between the human body and the outside world. The mucosal system contains 150 times more surface area than skin, which makes it one of the most important immune barriers. The health of the mucosa determines how the body interacts with antigens; therefore, the integrity of the intestinal mucosa can dictate overall immune function.\*\*



## WHAT DOES IT DO?

The dairy-free immunoglobulin concentrate supports healthy digestion, neutralizes environmental toxins, and helps to **REBUILD** protective intestinal barriers. These IgG antibodies can reduce the damage of metabolic endotoxemia and neutralize LPS, an endotoxin that triggers mucosal activation.\*\*

There are four key amino acids that play an important role in the production of intestinal mucosa include: L-proline, L-serine, L-cysteine, and L-threonine. These four amino acids have been shown to increase mucin2 production and stimulate mucin synthesis in the colon, resulting in a thicker and healthier mucosal barrier.\*\*

MicrobiomeX® is a natural citrus extract rich in polyphenols® that supports digestive health and immunity by increasing microbial diversity in the gut and improving gut barrier function. A clinical study using 500mg of citrus fruit extract found a significant increase in short-chain fatty acid (SCFA) composition and a reduction in fecal calprotectin. Both results suggest that citrus polyphenols can reduce inflammation and modulate the microbial composition in the gut.\*\*

## SUPPLEMENT FACTS

Serving Size: 5 grams (1 scoop)  
Servings Per Container: 30

Amount Per Serving		% Daily Value
Total Fat	0.5 g	1%*
Sodium	20 mg	1%*
Total Carbohydrate	1 g	0%*
Protein	1 g	2%*
L-Proline	1 g	†
L-Serine	700 mg	†
L-Threonine	600 mg	†
L-Cysteine	80 mg	†
Serum-derived immunoglobulin concentrate (ImmunoLin®)	1 g	†
Immunoglobulin G (IgG)	450 mg	†
Immunoglobulin M (IgM)	50 mg	†
Immunoglobulin A (IgA)	10 mg	†
Citrus bioflavonoids (MicrobiomeX®)	500 mg	†

\* Percent Daily Values are based on a 2,000 calorie diet.  
† Daily value not established.

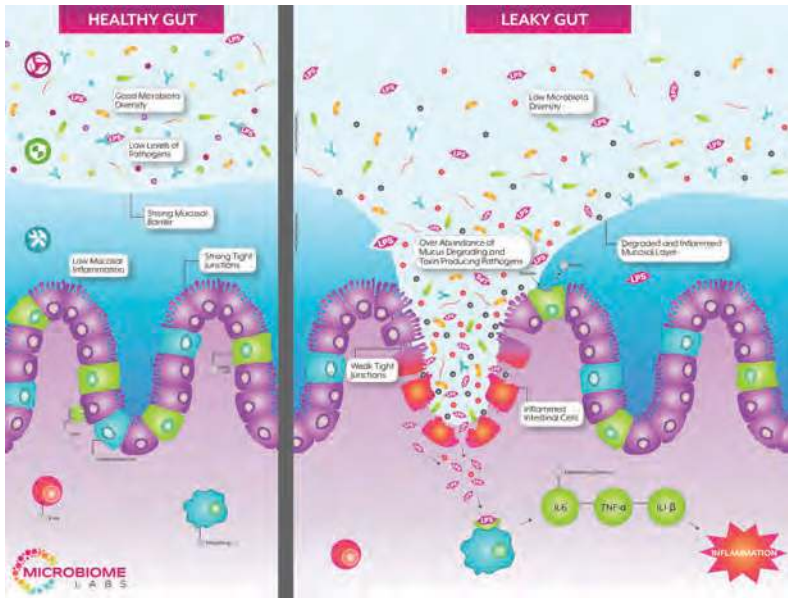
**OTHER INGREDIENTS:** Natural Lemonade and Raspberry Flavor, Citric Acid, Stevia, Malic Acid, Monk Fruit Extract, Salt.

## DOSING

**Ages 2+:** Start with ½ scoop daily with or without food for 1 week, then increase to 1 scoop daily, or as directed by your healthcare practitioner. Mix powder with 16 oz or more of liquid or food as desired. Powder dissolves best in room temperature liquids. Children under 2 years of age, please consult with your healthcare practitioner.



# Total Gut Restoration



## AT A GLANCE

The three fundamental aspects of gut health include: the microbial population, physical structures, and regulatory immune function. A healthy gut microbiome is multi-faceted and relies heavily upon all 3 of these factors, like a three-legged stool. For this reason, therapies that only address one of these facets do not typically provide total restoration of a dysfunctional GI tract. The Microbiome Labs Total Gut Restoration system was uniquely designed to target all 3 of these areas, providing healthcare professionals with highly effective tools in the battle against chronic disease.\*\*



## RECONDITION

**MegaSporeBiotic™** is the first 100% spore-based, broad-spectrum probiotic clinically shown to improve leaky gut by 60% in just 30 days. This unique all-spore formula effectively **RECONDITIONS** the gut by increasing microbial diversity and encouraging the growth of key health-promoting, commensal gut bacteria. MegaSporeBiotic™ boasts a 5-year shelf-life, does not require refrigeration, and maintains efficacy during antibiotic therapy.\*\*



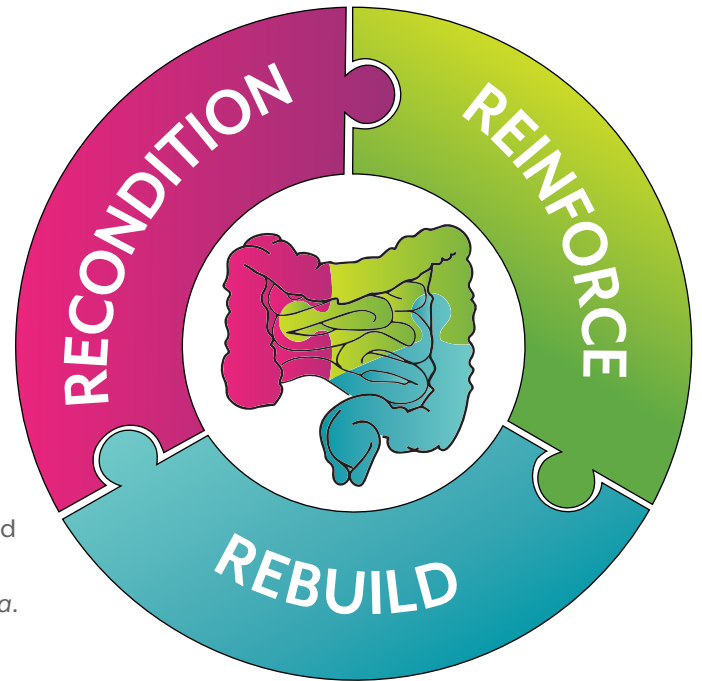
## REINFORCE

**MegaPre™** is the first Precision Prebiotic™ supplement made up of clinically-tested, non-digestible oligosaccharides that can increase microbial diversity and selectively feed beneficial bacteria like *Akkermansia muciniphila*, *Faecalibacterium prausnitzii*, and *Bifidobacteria*. MegaPre™ **REINFORCES** the beneficial microbial changes created by MegaSporeBiotic™ to promote a strong and diverse microbiome.\*\*



## REBUILD

**MegaMucosa™** is the first complete mucosal support supplement of its kind, formulated with key amino acids to **REBUILD** a healthy mucosal barrier. MegaMucosa™ also contains dairy-free immunoglobulins clinically shown to support a healthy immune response in the mucosa and a state-of-the-art flavobiotic clinically shown to support microbial diversity and alleviate barrier dysfunction, otherwise known as leaky gut.\*\*



\*\*These statements have not been evaluated by the Food and Drug Administration (FDA). This product is not intended to diagnose, treat, cure, or prevent any disease.

1) Fritscher-Ravens A, et al. Confocal endomicroscopy shows food-associated changes in the intestinal mucosa of patients with irritable bowel syndrome. *Gastroenterology*. 2014;147(5):1012-20. 2) Dlugosz A, et al. Increased serum levels of lipopolysaccharide and anti-flagellin antibodies in patients with diarrhea-predominant irritable bowel syndrome. *Neurogastroenterol Motil*. 2015;27(12):1747-54. 3) König J, et al. Human Intestinal Barrier Function in Health and Disease. *Clin Transl Gastroenterol*. 2016 Oct 20;7(10):e196. doi: 10.1038/ctg.2016.54. 4) Jason VS, Burnett BP. Survival and digestibility of orally-administered immunoglobulin preparations containing IgG through the gastrointestinal tract in humans. *Nutrition Journal*. 2015;14:22. 5) Faure M, Mettraux C, Moennoz D. Specific Amino Acids Increase Mucin Synthesis and Microbiota in Dextran Sulfate Sodium-Treated Rats. *J Nutr*. 2006;136(6):1558-64.