GI Protection

Clinical Applications

- Supports Immune Function (including during strenuous physical activity)*
- Helps Maintain the Integrity of the Gut Mucosa*
- Supports Lean Muscle Mass*

GI Protection *features the amino acid L-glutamine and an immunoglobulin concentrate derived from colostral whey peptides. It delivers natural immunoglobulins (standardized to a minimum of 40% IgG), bioactive proteins, and growth factors. These components support immune function, healthy cytokine activity, gut barrier function, and gastrointestinal health and tissue repair. Advanced coagulation and filtration techniques make Immune Support a unique, GRAS ingredient that is superior in its bioactive composition and its purity.*

All Absolute Health Formulas Meet or Exceed cGMP Quality Standards

Discussion

Immunoglobulins, also known as antibodies, defend the body directly through opsonization and neutralization. They also activate the complement system. A special quality about these methods by which immunoglobulins defend the body is that they allow the immune system to differentiate between antigens and the body's normal microflora.

Most antigens enter the body through mucosal tissue or stay localized on mucosal surfaces. It makes sense, then, that mucosal tissues are heavily populated with immune cells. In fact, it is estimated that the intestinal lining produces more antibodies than any other organ in the body. Aside from producing antibodies, the mucosal surface serves as a barrier that physically prevents antigens from entering circulation.

Though the body itself produces antibodies, supplementation may be beneficial in some individuals. It has been shown that the concentration of immunoglobulins in the digestive tract and on mucosal surfaces in adults is predictive of risk to immunity.[1,2] Stress, and other conditions can reduce immunoglobulin secretion and antibody production.[3] In addition, damage to the intestinal wall resulting from stress, strenuous exercise, medications, or other causes affect gut barrier function and can make the body more vulnerable to antigens.*

Colostral Whey Peptides Whey peptides is an immunoglobulin concentrate from colostral whey peptides that delivers a minimum of 40% IgG immunoglobulin along with an array of compounds, including growth factors, sialic acid, lactoferrin, proline-rich peptides (PRPs), oligosaccharides, and gangliosides. Each of these components provides the user with different and complementary health benefits, such as fundamental support of immune function and modulation, lean body mass, brain and thymus health, microbiota modulation, and cytokine balance.*[1]

Oral consumption of immunoglobulins derived from colostrum is a means of supporting passive immunity, protecting the body, and eliminating unwanted molecules.[4-7] The most versatile, IgG, is capable of carrying out all of the functions of immunoglobulin molecules, accounting for Immune Support 's broad range of immune-supportive effects.[8] Review of the research confirms that bovine colostrum supplementation confers other benefits, such as the maintenance of gastrointestinal integrity.[9-11] Oral immunoglobulins have been used in sports nutrition to support lean body mass,[12] physical exercise, and recovery following high-intensity training.[8,13] The 2.5 grams of immunoglobulins in each serving of GI Protection contribute to individual dosing requirements.*

L-Glutamine L-Glutamine, the most abundant free-form amino acid in the body, is very important for maintaining gastrointestinal health and stimulated immune cell functioning. Animal and human studies also demonstrate the benefits of glutamine supplementation in gut barrier function.[14-16] Because it is an important transporter of nitrogen (and carbon) in the body, glutamine is vital to the body's normal tissue healing processes. Although glutamine can be synthesized by the intestinal mucosa, supplementation during periods of physiological stress—when needs of the gut epithelia are increased—can be of benefit.*

NOTICE: This formula contains an ingredient derived from milk.

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

Absolute Health
7350 SW 60th Ave., Suite 2
Ocala, FL 34476
www.AbsoluteHealthOcala.com

GI Protection

Supplement Facts

Serving Size: 1 Scoop (about 10.4 g)
Servings Per Container: About 30

	Amount Per Serving	%Daily Value
Calories	40	
Total Carbohydrate	7 g	2%†
Sugars	6 g	**
Protein	2 g	
Calcium	20 mg	2%
Immune Support (bovine-derived immunoglobulin concentrate)	2.5 g	**
Immunoglobulin G (IgG)	1 g	**
L-Glutamine	1 g	**

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

Other Ingredients: Dried cane syrup, natural cherry flavor (no MSG), natural red beet powder, citric acid, malic acid, sunflower lecithin, and silica.
Contains: Milk

Directions

Briskly stir one scoop into at least 8 oz of water and consume twice daily, or as directed by your healthcare provider.

Consult your healthcare provider prior to use. Do not use if tamper seal is damaged.

Does Not Contain

Wheat, gluten, yeast, soy protein, fish, shellfish, peanuts, tree nuts, egg, ingredients derived from genetically modified organisms (GMOs), artificial colors, artificial sweeteners, or artificial preservatives.

References

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