



DYNAMIC

GI DEFEND

Nutritional Support for Healthy
Gut Barrier Function*

UNFLAVORED

Dynamic GI Defend Supplementation

Dynamic GI Defend helps support a healthy mucosal immune system and digestive function.* The unflavored powdered drink mix contains ImmunoLin®, a serum-derived bovine immunoglobulin/protein isolate that works by binding, neutralizing, and removing toxins from the gut.* This cutting-edge ingredient promotes healthy immune activation responses in supporting healthy gut permeability.*

Key benefits of Dynamic GI Defend may include:

- Promotes healthy gut homeostasis*
- Supports healthy gut barrier function*
- Supports healthy digestive function*
- Promotes healthy immune function*
- Supports respiratory health*
- Promotes healthy nutrient absorption*
- Supports healthy muscle protein synthesis*

How Dynamic GI Defend Works

Dynamic GI Defend works by binding, neutralizing, and removing toxins to promote healthy gut homeostasis and immune system function.*¹ ImmunoLin®, a serum-derived bovine immunoglobulin (SBI), is the core ingredient and contains over 90% protein and more than 50% immunoglobulins, peptides, and growth factors.*

Toxins naturally occur in the gut during the breakdown and turnover of food in the GI tract. It is here where they have the potential to activate an intestinal immune response if they encounter a weakened intestinal epithelium.*¹ ImmunoLin® binds these toxins together, making them too large to pass through the gut barrier and allowing them to be safely removed through regular bodily processes.*¹

SBIs have multiple functional health benefits in the gastrointestinal tract and help support healthy nutrient absorption and metabolism.*^{1,2,3,4} SBIs also help support gut barrier function.*^{5,6}



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ImmunoLin® supports a healthy mucosal immune system by supporting the removal of toxins through SBI binding agents.*^{7,8,9} ImmunoLin® may also promote healthy gut barrier function and healthy gut mucosal tissue.*^{6,8,9,10,11}

SBIs are also known to support healthy muscle protein synthesis and muscle recovery after rigorous exercise.*^{12,13} Vigorous exercise may negatively impact immune responses, gut permeability, and muscle protein synthesis.*^{13,14,15} It is the binding action of SBIs that helps promote healthy immune system responses.*^{13,14,15} Healthy mucosal immune system function may support respiratory health by replacing salivary immunoglobulins.*^{16,17,18,19}

Why Use Dynamic GI Defend?

Dynamic GI Defend contains the highest concentration of naturally sourced immunoglobulins from ImmunoLin®, a serum-derived bovine immunoglobulin/protein isolate which helps support healthy gut barrier function.*

Supplement Facts

Serving Size: About 1 Scoop

Servings Per Container: About 30

Ingredients:	Amount	%DV*
Calories	10	
Protein	2 g	
Bovine Immunoglobulin Protein Isolate (ImmunoLin®)	2.5 g	**

Other Ingredients: None.

ImmunoLin® is a registered trademark of Entera Health, LLC.

Contains less than 0.05% fractionated bovine blood.

Directions: Mix 1 scoop in 8 ounces of water or your favorite beverage as a dietary supplement or as directed by your healthcare practitioner.

Caution: If pregnant, nursing, or taking medication, consult your healthcare practitioner before use. Keep out of reach of children.

References:

1. Detzel CJ et al. *PLoS One*. 2015;10(4):e0120278.
2. Kuchibhatla R et al. *Adv Nutr*. 2015;6(5):541-51.
3. Torrallardona D. *Asian-Australasian J Anim Sci*. 2010;23((1)):131-48.
4. Coffey RD & Cromwell GL. *Pig News and Information*. 2001;22((2)):39N-48N.
5. Perez-Bosque A et al. *Am J of Physiol Gastrointest Liver Physiol*. 2015;308(12):G1012-8.
6. Henderson AL et al. *Dig Dis Sci*. 2015;60(11):3293-303.
7. Wilson D et al. *Clin Med Insights Gastroenterol*. 2013;6:49-60.
8. Asmuth DM et al. *Aids*. 2013;27:2207-17.
9. Asmuth DM et al. *8th IAS Conference on HIV Pathogenesis, Treatment and Prevention* (AIDS 2015); MOAA02; Vancouver, Canada 19-22 July:2015.
10. Perez-Bosque A et al. *PLoS One*. 2016;11(5):e0154823.
11. Bosi P et al. *Anim Sci J*. 2004;82(6):1764-72.
12. Churchward-Venne TA et al. *J Physiol*. 2012;590(Pt 11):2751-65.
13. Pedersen BK et al. *Physiol Rev*. 2000;80(3):1055-81.
14. Ostrowski K et al. *J Physiol*. 1999;515 (Pt 1):287-91.
15. Ostrowski K et al. *J Physiol*. 1998;508 (Pt 3):949-53.
16. Maijo M et al. *Br J Nutr*. 2012;107(6):867-75.
17. Maijo M et al. *J Nutr*. 2012;142(2):264-70.
18. Housh TJ et al. *Int J Sports Med*. 1991;12(5):498-500.
19. McDowell SL et al. *J Sports Med Phys Fitness*. 1992;32(4):412-5.



NON-GMO



GLUTEN-FREE



DAIRY-FREE



PRODUCED IN A
cGMP FACILITY

* 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.

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