

UltraBiotic Prebiotic

Advanced Support for the Gut
Microbiome*

UltraBiotic Prebiotic Supplementation

UltraBiotic Prebiotic represents a synergistic approach to gut microbiome health, leveraging the latest scientific understanding of prebiotic action.* This formulation is specifically designed to modulate the gut microbiota, enhancing overall gut health and systemic wellness.*

UltraBiotic Prebiotic is a comprehensive formulation addressing multiple aspects of gut health.* This prebiotic powerhouse helps nourish beneficial gut bacteria with nutrients that foster a balanced microbial environment.*

Benefits of supplementing with UltraBiotic Prebiotic may include:

- Nourishes and balances the gut microbiome*
- Promotes healthy inflammatory markers*
- Powerful antioxidant support*
- Supports healthy immune function*
- Promotes healthy intestinal epithelial barrier integrity*
- Supports the healthy absorption of nutrients*

How UltraBiotic Prebiotic Works

PreticX™ 95P Xylooligosaccharides (XOS):

XOS are prebiotic fibers known for their low fermentability, which aids in reducing gastrointestinal discomfort.*¹ XOS stimulate the growth of bifidobacteria, a key beneficial gut microbe, supporting healthy intestinal barrier function and promoting healthy immune responses.*² They also play a role in short-chain fatty acid (SCFA) production, particularly butyrate, which is crucial for colon health and epithelial integrity.*³

Livaux® Organic Kiwi Fruit (*Actinidia chinensis*) Powder:

This kiwi-based ingredient is rich in naturally occurring enzymes and soluble fibers. It has been shown to support the growth of *Faecalibacterium prausnitzii*, a bacterium that promotes healthy inflammatory markers.*^{4,5} It helps promote fecal bulk and regularity, while the enzymatic components contribute to the breakdown and assimilation of nutrients.*⁶ This targeted approach supports a balanced gut microbiome and healthy gut barrier function.*⁷



How UltraBiotic Prebiotic Works Continued

Red Wine Extract:

Rich in polyphenols, particularly flavonoids, red wine extract exerts a prebiotic-like effect by balancing the gut microbiota.*⁸ These compounds have been shown to support the growth of beneficial microbes.*^{9,10} Additionally, grape polyphenols are known for their antioxidative properties, combating oxidative stress and promoting healthy inflammatory markers within the gut.*¹¹

Pomegranate Fruit Extract:

Rich in ellagitannins, pomegranate extract undergoes gut microbiota-mediated conversion into urolithins. These metabolites exhibit potent antioxidative effects and promote healthy inflammatory markers.*^{12,13} Urolithins have been shown to support healthy gut microbiota composition and promote healthy epithelial barrier function.*¹⁴

Cranberry Fruit Extract:

Cranberry extract is a rich source of proanthocyanidins (PACs) and other phenolic compounds that support healthy microbiome composition.*¹⁵ This interaction plays a pivotal role in supporting urinary tract health due to its prebiotic-like effects on the gut microbiota.*¹⁶ The prebiotic effect of cranberry extract also includes the modulation of gut bacteria involved in bile acid metabolism, lipid metabolism, and immune system health.*¹⁷

Supplement Facts

Serving Size: About 1 Scoop (6.84 g)

Servings Per Container: About 30

	Amount Per Serving	%DV*
Calories	25	
Total Carbohydrate	6 g	2%*
Total Sugars	<1 g	**
Sodium	5 mg	<1%
Xylooligosaccharides (XOS) (PreticX™ 95P)	1.4 g	**
Organic Gold Kiwi Powder (fruit; <i>Actinidia chinensis</i>) (Livaux®)	1.2 g	**
Pomegranate Extract (fruit; <i>Punica granatum</i>)	500 mg	**
Cranberry Extract (fruit; <i>Vaccinium macrocarpon</i>)	375 mg	**
Polyphenols (from red wine fruit extract)	375 mg	**

Other Ingredients: Citric acid, natural flavors, beet root powder, silica, stevia leaf extract.

PreticX™ 95P is a trademark of AIDP, Inc.

Livaux® is a registered trademark of Anagenix.

Directions: Mix 1 scoop in 10–12 ounces of water daily or as directed by your healthcare practitioner.

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

References:

- Valladares-Diestra KK, de Souza Vandenberghe LP, Vieira S, et al. *Foods*. 2023;12(14):2681.
- Finegold SM, Li Z, Summanen PH, et al. *Food Funct*. 2014;5(3):436–445.
- Fei Y, Wang Y, Pang Y, et al. *Front Physiol*. 2020;10:1601.
- Verhoog S, Taneri PE, Roa Díaz ZM, et al. *Nutrients*. 2019;11(7):1565.
- Richardson DP, Ansell J, Drummond LN. *Eur J Nutr*. 2018;57(8):2659–2676.
- Cardona F, Andrés-Lacueva C, Tulipani S, et al. *J Nutr Biochem*. 2013;24(8):1415–1422.
- Rana A, Samtiya M, Dhewa T, et al. *J Food Biochem*. 2022;e14264.
- Heggors JP, Cottingham J, Gusman J, et al. *J Altern Complement Med*. 2002;8(3):333–340.
- Reagor L, Gusman J, McCoy L, et al. *J Altern Complement Med*. 2002;8(3):325–332.
- Song YJ, Yu HH, Kim YJ, et al. *J Microbiol Biotechnol*. 2019;29:1177–1183.
- Brzozowski T, Konturek PC, Drozdowicz D, et al. *World J Gastroenterol*. 2005;11(41):6450–6458.
- O'Flaherty S, Cobian N, Barrangou R. *Microorganisms*. 2023;11(2):404.
- Livingston S, Mallick S, Lucas DA, et al. *Biochem Biophys Rep*. 2020;24:100825.
- Rizzo G, Pineda Chavez SE, Vandenkoornhuyse E, et al. *Nutrients*. 2023;15(7):1771.
- Blumberg JB, Basu A, Krueger CG, et al. *Adv Nutr*. 2016;7(4):759S–70S.
- O'Connor K, Morrissette M, Strandwitz P, et al. *PLoS One*. 2019;14(11):e0224836.
- Medina-Larque A-S, Rodriguez-Daza M-C, Roquim M, et al. *Front Immunol*. 2022;13:871080.

* 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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