# NutriDyn

## UltraBiotic Prebiotic

Advanced Support for the Gut Microbiome<sup>•</sup>

### **UltraBiotic Prebiotic Supplementation**

Biotic Prebiotic represents a synergistic approach to gut microbiome health, leveraging the latest scientific understanding of prebiotic action.<sup>•</sup> This formulation is specifically designed to modulate the gut microbiota, enhancing overall gut health and systemic wellness.<sup>•</sup>

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

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<sup>+</sup>

### How UltraBiotic Prebiotic Works

#### PreticX<sup>™</sup> 95P Xylooligosaccharides (XOS):

XOS are prebiotic fibers known for their low fermentability, which aids in reducing gastrointestinal discomfort.<sup>41</sup> XOS stimulate the growth of bifidobacteria, a key beneficial gut microbe, supporting healthy intestinal barrier function and promoting healthy immune responses.<sup>42</sup> They also play a role in short-chain fatty acid (SCFA) production, particularly butyrate, which is crucial for colon health and epithelial integrity.<sup>43</sup>

#### 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.<sup>4,5</sup> It helps promote fecal bulk and regularity, while the enzymatic components contribute to the breakdown and assimilation of nutrients.<sup>46</sup> This targeted approach supports a balanced gut microbiome and healthy gut barrier function.<sup>47</sup>



NON-GMO CGMP FACILITY

#### 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.<sup>48</sup> These compounds have been shown to support the growth of beneficial microbes.<sup>49,10</sup> Additionally, grape polyphenols are known for their antioxidative properties, combating oxidative stress and promoting healthy inflammatory markers within the gut.<sup>41</sup>

#### 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.<sup>412,13</sup> Urolithins have been shown to support healthy gut microbiota composition and promote healthy epithelial barrier function.<sup>414</sup>

#### **Cranberry Fruit Extract:**

Cranberry extract is a rich source of proanthocyanidins (PACs) and other phenolic compounds that support healthy microbiome composition.<sup>415</sup> This interaction plays a pivotal role in supporting urinary tract health due to its prebiotic-like effects on the gut microbiota.<sup>416</sup> The prebiotic effect of cranberry extract also includes the modulation of gut bacteria involved in bile acid metabolism, lipid metabolism, and immune system health.<sup>417</sup>

# **Supplement Facts**

Serving Size: About 1 Scoop (6.84 g) Servings Per Container: About 30

Amount P	er 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	1.2 g	**
(fruit; <i>Actinidia chinensis</i> ) (Livaux®)		
Pomegranate Extract (fruit; Punica granatum)	500 mg	**
Cranberry Extract (fruit; Vaccinium macrocarpon)	375 mg	**
Polyphenols (from red wine fruit extract)	375 mg	**

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

PreticX<sup>™</sup> 95P is a trademark of AIDP, Inc.

Livaux<sup>®</sup> 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:**

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+ 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.

#### For more information, visit: www.nutridyn.com