



NutriDyn®

UltraBiotic Daily Powder

Daily Probiotic + XOS for
Healthy Gut Flora Balance*

PRACTITIONER EXCLUSIVE

UltraBiotic Daily Powder Supplementation

Recent human clinical trials have shown that symptoms of gut microbe imbalance are favorably impacted by two specific strains of “friendly bacteria” (probiotics)—*Lactobacillus acidophilus* and *Bifidobacterium lactis*.¹

For supporting gut microbe imbalance, UltraBiotic Daily Powder contains a 50:50 ratio of these synergistic probiotic strains, providing a hefty 15 billion colony-forming units (CFU) per serving. In addition, this formula contains prebiotic xylooligosaccharides (XOS) to help feed the beneficial microbes in the gut so they may grow and proliferate.*

A bevy of clinical research suggests that these ingredients may:

- Support healthy gut flora balance*
- Promote a healthy GI tract*
- Support healthy immune function*
- Support digestive function and nutrient absorption*

How UltraBiotic Daily Powder Works

Research continues to demonstrate the emerging importance of both *Lactobacillus acidophilus* and *Bifidobacterium lactis* for balancing the gut microbiome, assisting the immune system, supporting nutrient absorption, and easing gastrointestinal issues associated with an irritable bowel.* UltraBiotic Daily Powder takes it a step further by including prebiotic XOS to help feed the beneficial microbes in the gut so they may grow and proliferate.*

Lactobacillus acidophilus

L. acidophilus is a patented beneficial lactic acid bacteria strain often used to help with lactose intolerance and symptoms of gut microbe imbalance by supporting the digestion of simple sugars and other tough-to-digest nutrients.*² *L. acidophilus* also supports the endogenous synthesis of vitamin B9 (folate) and vitamin B12, which are key for healthy nervous system function.*³

This strain has been shown in numerous clinical trials to help relieve the symptoms of discomfort that are common to people with GI issues, especially bloating, flatulence, and loose stool.*^{4,5,6}



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Several studies have also found that *L. acidophilus* shortens colon transit time, which can help ease constipation.*^{7,8}

Further research suggests that *L. acidophilus* may activate endocannabinoid and μ -opioid receptors in epithelial cells, promoting a healthy digestive system.*⁹

Bifidobacterium lactis

B. lactis is a bacterial strain that readily resists bile salts and acidic conditions (meaning it is able to withstand the harsh digestive environment of the human gut).¹⁰ Like *Lactobacilli*, *Bifidobacteria* aid in the digestion of lactose and are critical for producing B vitamins, which serve a myriad of vital roles in the body.*¹¹

B. lactis is one of the most promising probiotic strains for supporting healthy immune response.* A 5-month, double-blind, randomized, placebo-controlled study including 465 healthy adults investigated the effect of a supplement containing *B. lactis* and *L. acidophilus* on respiratory health. Throughout the trial period, adults receiving the probiotic supplement had a significant reduction in nasal and respiratory symptoms compared to those taking a placebo.*¹²

Another study in 37 elderly subjects showed similar results, with the researchers finding beneficial effects of *B. lactis* on immune responses of the participants.*¹³

Xylooligosaccharides (XOS)

XOS act as a prebiotic by stimulating growth of healthy gut bacteria resulting in acidifying the colon and creating short chain fatty acids to support healthy cellular processes in the GI tract.*^{14,15} This activity helps the gastrointestinal tract solve issues related to bloating, flatulence, loose stool, and constipation.*¹⁵

References:

1. Fijan S. *Int J Environ Res Public Health*. 2014;11(5):4745-4767.
2. Hickey MW, Hillier AJ, & Jago GR. *Appl Environ Microbiol*. 1986;51(4):825-831.
3. Rossi M, Amaretti A, & Raimondi S. *Nutrients*. 2011;3(1):118-134.
4. Rousseaux C et al. *Nat Med*. 2007;13(1):35-37.
5. Ringel-Kulka T et al. *J Clin Gastroenterol*. 2011;45:518-525.
6. Sanders ME & Klaenhammer TR. *Int J Dairy Sci*. 2001;84(2):319-331.
7. Magro DO et al. *J Nutr*. 2014;13:75.
8. Faber SM. *Am J Gastroenterol*. 2000;95(9):2533.
9. Ringel-Kulka T et al. *Aliment Pharmacol Ther*. 2014;40(2):200-207.
10. Hyronimus B et al. *Int J Food Microbiol*. 2000;61(2):193-197.
11. Pokusaeva K et al. *Genes Nutr*. 2011;6(3):285-306.
12. Cox et al. *Eur J Clin Nutr*. 2014;68(11):1255-1257.
13. Maneerat S et al. *J Nutr Sci*. 2013;2(2):44.
14. Xu ZR et al. *Poultry Sci J*. 2003;82(6):1030-1036.
15. Aachary AA & Prapulla SG. *Comp Rev Food Sci Food Saf*. 2010;10(2011):1-15.
16. Jain I, Kumar V, & Satyanarayana T. *Indian J Exp Biol*. 2015;53:131-142.

Supplement Facts

Form: Powder

Serving Size: About ¼ Teaspoon (0.63 g)

Ingredients:	Amount	%DV
<i>Lactobacillus acidophilus</i> NCFM ^{®††}	7.5 Billion CFU [†]	*
<i>Bifidobacterium lactis</i> UABla-12 ^{™†††}	7.5 Billion CFU [†]	*
Xylooligosaccharides (XOS)	500 mg	*

Other Ingredients: None.

[†] At time of manufacture.

^{††} NCFM[®] is a registered trademark of DuPont.

^{†††} UABla-12[™] is a trademark of Chr. Hansen.

Directions: Mix ¼ teaspoon (0.63 g) with 4-6 ounces of unchilled water one to two times 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.



PRODUCED IN A
cGMP FACILITY

NON-GMO

GLUTEN-FREE

DAIRY-FREE

VEGETARIAN

* 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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