

Bifidobacterium lactis

PRACTITIONER EXCLUSIVE

UltraBiotic Bifidus Supplementation

UltraBiotic Bifidus is a probiotic supplement manufactured with 15 billion viable cells of cultured, pure *Bifidobacterium lactis*. Better yet, UltraBiotic Bifidus is dairy-free, gluten-free, non-GMO, and vegetarian.

B. lactis aids in the digestion of lactose and is critical for creating B vitamins, which serve a multitude of vital roles throughout the body. This particular probiotic can also support immune function and digestion of various types of sugars and fibers. *2.3.4

UltraBiotic Bifidus is made with one of the most studied bacterial strains, and may benefit users in a variety of ways; these benefits typically include:

- Supports a healthy gut microbiome*
- Supports lactose digestion*
- Supports immune function^{*}
- Supports macronutrient absorption^{*}
- Supports B vitamin synthesis*
- Manufactured with 15 billion viable cells of cultured, pure Bifidobacterium lactis

How UltraBiotic Bifidus Works

B. lactis is a lactic acid bacteria that naturally grows in the small intestine and is highly-resistant to stomach acid.⁵ *B. lactis* colonizes the gut and is specifically known for its resistance to bile salts;⁶ this is important since bacteria typically need to get past some very harsh digestion.

Even though there are over a dozen probiotic strains, *B. lactis* is one of the most versatile and hardest working for the human body.* Similarly to other strains, this lactic acid bacteria can help support lactose intolerance and support your immune system.*



Many children and adults develop intolerance for milk sugar (lactose). This intolerance can lead to gastrointestinal distress due to lactose malabsorption. Research demonstrates that *B. lactis* may support proper lactose digestion in susceptible individuals by releasing lactase (the enzyme responsible for breaking down lactose). 47

In addition to these benefits, B. lactis may also support colon health, and even digestion of common food allergens like wheat/gluten. *8,9

Supplement Facts

Serving Size: 1/2 Teaspoon (1.5 g) Servings Per Container: About 50

Ingredients:

Calories

Total Carbohydrate

15 billion live

organisms^{††}

<1%*

Amount %DV

Bifidobacterium lactis UABla-12™†

Other Ingredients: Rice syrup solids.

- [†] This trademark is the property of UAS Labs.
- ^{††} At time of manufacture.

Directions: Mix 1/4 to 1/2 teaspoon with eight ounces of unchilled water one to two times daily as a dietary supplement, 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.

- 1. Karina Pokusaeva, Gerald F. Fitzgerald, Douwe van Sinderen (2011). Carbohydrate metabolism in Bifidobacteria. Genes Nutr.; 6(3): 285-306.
- 2. Guyonnet, D., Schlumberger, A., Mhamdi, L., Jakob, S., & Chassany, O. (2009). Fermented milk containing *Bifidobacterium lactis* DN-173 010 improves gastrointestinal well-being and digestive symptoms in women reporting minor digestive symptoms: a randomised double-blind, parallel, controlled study. British journal of nutrition, 102(11), 1654-1662.
- 3. Gill, H. S., Rutherfurd, K. J., Cross, M. L., & Gopal, P. K. (2001). Enhancement of immunity in the elderly by dietary supplementation with the probiotic *Bifidobacterium lactis* HN019. The American journal of clinical nutrition, 74(6), 833-839.
- Gopal, P. K., Sullivan, P. A., & Smart, J. B. (2001). Utilisation of galacto-oligosaccharides as selective substrates for growth by lactic acid bacteria including *Bifidobacterium lactis* DR10 and Lactobacillus rhamnosus DR20. International Dairy Journal, 11(1), 19-25.
- Verbeke, K. A., Boobis, A. R., Chiodini, A., Edwards, C. A., Franck, A., Kleerebezem, M., ... & Tuohy, K. M. (2015). Towards microbial fermentation metabolites as markers for health benefits of prebiotics. Nutrition research reviews, 28(01), 42-66.
- Hyronimus, B., Le Marrec, C., Sassi, A. H., & Deschamps, A. (2000). Acid and bile tolerance of spore-forming lactic acid bacteria. *International journal of food microbiology*, 61(2), 193-197.
- 7. Tabbers, M. M., Chmielewska, A., Roseboom, M. G., Crastes, N., Perrin, C., Reitsma, J. B., ... & Benninga, M. A. (2011). Fermented milk containing *Bifidobacterium lactis* DN-173 010 in childhood constipation: a randomized, double-blind, controlled trial. *Pediatrics*, 127(6), e1392-e1399.
- 8. Ejtahed, H. S., Mohtadi-Nia, J., Homayouni-Rad, A., Niafar, M., Asghari-Jafarabadi, M., Mofid, V., & Akbarian-Moghari, A. (2011). Effect of probiotic yogurt containing *Lactobacillus* acidophilus and Bifidobacterium lactis on lipid profile in individuals with type 2 diabetes mellitus. Journal of dairy science, 94(7), 3288-3294.
- 9. Lindfors, K., Blomqvist, T., Juuti-Uusitalo, K., Stenman, S., Venäläinen, J., Mäki, M., & Kaukinen, K. (2008). Live probiotic Bifidobacterium lactis bacteria inhibit the toxic effects induced by wheat gliadin in epithelial cell culture. Clinical & Experimental Immunology, 152(3), 552-558.





NON-GMO







PRODUCED IN A cGMP FACILITY

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.