NutriDyn

UltraBiotic Integrity

Targeted Probiotic Support for Gastrointestinal Integrity*

UltraBiotic Integrity Supplementation

The UltraBiotic Integrity formula contains the well-researched probiotic strain of *Lactobacillus plantarum* as patented UALp-05[™] (*L. plantarum*). This particular probiotic strain is generally lacking in the gut microbiome of individuals consuming a standard Western diet, as it is commonly found in fermented foods.⁴1

It is known to possess several unique mechanisms of action, giving it far-reaching health benefits for the gut, brain, heart, skin, and immune system.^{42,3} It also may help support healthy weight loss and lean body mass.^{44,5}

Manufactured with 10 billion colony-forming units (CFU) of *Lactobacillus plantarum* as patented UALp-05[™] per capsule, research suggests that the benefits of UltraBiotic Integrity may include:

- Supports gastrointestinal integrity*
- Supports a healthy immune response*
- Supports heart health*
- Supports digestive function*
- Promotes healthy nutrient absorption*
- Promotes lean body mass⁺
- Supports brain health*
- Promotes healthy skin elasticity*

How UltraBiotic Integrity Works

L. plantarum is known to be a very hardy probiotic strain since it is highly resistant to gastric acid, bile, and proteases. It works by fermenting sugars, which allows it to survive and thrive throughout the gastrointestinal tract.^{+6,7}



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How UltraBiotic Integrity Works Continued

As such, L. plantarum promotes gastrointestinal integrity and function by supporting the expression of genes regulating tight junction formation, which also promotes a healthy gut microbiome.^{+ 8,9}

L. plantarum promotes a healthy stress response by attaching to colonocytes and competing with undesirable microbes, thus promoting a balanced and healthy gut microbiome.⁺¹⁰⁻¹³

Research shows that the powerful antioxidant properties of L. plantarum allow it to promote heart health by supporting healthy lipid metabolism and blood pressure already in a healthy range. 414-16 The properties of this probiotic strain also support healthy digestive function and proper nutrient absorption. + 17-20

When the gut is working properly, the body can also support lean body mass.* Research on L. plantarum has shown it can enhance athletic performance and endurance during sports activities, which may lead to lean body mass.^{+5,21}

The healthy stress response resulting from L. plantarum consumption may also promote cognitive performance and balanced moods through increased locomotor activity and healthy levels of serotonin and dopamine. \$22,23

Lastly, significant clinical research has shown the potential of L. plantarum to have beneficial effects on skin elasticity. According to several human clinical trials, L. plantarum may help support healthy collagen production and promote healthy ceramide levels needed for optimal skin elasticity. 424-26

Supplement Facts Serving Size: 1 Capsule Servings Per Container: 30 **Amount Per Serving** %DV Directions: Take one capsule daily or as directed by your healthcare practitioner. *Lactobacillus plantarum* UALp-05^{™††} 10 Billion CFU⁺ Caution: If you are pregnant, nursing, or taking medication, consult your healthcare practitioner before use. Keep out of **Other Ingredients:** Microcrystalline cellulose, digestive resistant capsule reach of children. (hypromellose, gellan gum), végetable stearic acid, vegetable magnesium stearate, silica. †† UALp-05[™] is a trademark of UAS Labs. **References:** Kleerebezem M et al. PNAS, 2003;100(4);1990-1995 14. Toshimitsu T et al. J Dairy Sci. 2016;99(2):933-946. Yao K et al. *Med Sci Monit*. 2017;23:3044-3053. Liu TH, Chiou J, & Tsai TY. *Nutrients*. 2016;8(5):260. Kazmierczak-Siedlecka K et al. Cent Eur J Immunol. 2020;45(4):488-493 15 Arasu MV et al. Saudi J Biol Sci. 2016:23(1):S6-S10. 3 16. Wu CC et al. Evid Based Complement Alternat Med. 2015;2015:391767. Li C, Nie SP, Zhu KX et al. Int J Food Sci Nutr. 2015;66(5):533-538. 4 17. 5 18.

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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.

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