

WHAT IS BIMUNO®?

Bimuno® is a daily prebiotic supplement that contains a unique patented galactooligosaccharide (GOS), which works in the gut to support natural systems of the human body. **Bimuno®** is the result of research and development that began in 2000 and is conducted in collaboration with internationally acclaimed research institutes.



How does **Bimuno®** work?

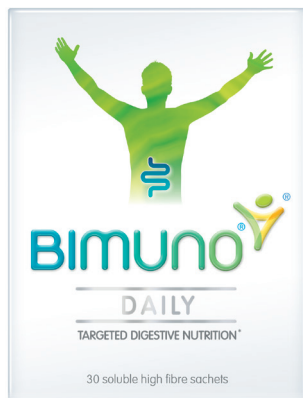
Bimuno® works by selectively increasing the level of bifidobacteria and other health-promoting bacteria found in the gut microbiome.

Bimuno® has multiple biological activities, including:

- A proven **prebiotic function** that increases gut bifidobacteria in just 7 days to aid microbial balance in the gut and thereby improving colonisation resistance.^{1,9}
- An **anti-invasive function** that protects the small intestine against bacterial pathogens such as *Salmonella enterica* serovar Typhimurium.^{2,3,8}
- **Interactions with the immune system** that enhance the gut barrier function and trigger positive systemic effects throughout the human body.⁴⁻⁹

References

1. Depeint F, et al. Prebiotic evaluation of a novel galactooligosaccharide mixture produced by the enzymatic activity of *Bifidobacterium bifidum* NCIMB 41171, in healthy humans: a randomized, double-blind, crossover, placebo-controlled intervention study. *Am J Clin Nutr* 2008;87:785-91. 2. Searle LE, et al. A mixture containing galactooligosaccharide, produced by the enzymatic activity of *Bifidobacterium bifidum*, reduces *Salmonella enterica* serovar Typhimurium infection in mice. *J Med Microbiol* 2009;58(Pt 1):37-48. 3. Searle LE, et al. Purified galactooligosaccharide, derived from a mixture produced by the enzymatic activity of *Bifidobacterium bifidum*, reduces *Salmonella enterica* serovar Typhimurium adhesion and invasion *in vitro* and *in vivo*. *J Med Microbiol* 2010;59(Pt 12):1428-39. 4. Vulevic J, et al. Modulation of the fecal microflora profile and immune function by a novel trans-galactooligosaccharide mixture (B-GOS) in healthy elderly volunteers. *Am J Clin Nutr* 2008;88:1438-46. 5. Vulevic J, et al. A mixture of trans-galactooligosaccharides reduces markers of metabolic syndrome and modulates the fecal microbiota and immune function of overweight adults. *J Nutr* 2013;143(3):324-31. 6. Vulevic J, et al. Influence of galacto-oligosaccharide mixture (B-GOS) on gut microbiota, immune parameters and metabonomics in elderly persons. *Br J Nutr* 2015;114:586-595. 7. Williams NC, et al. A prebiotic galactooligosaccharide mixture reduces severity of hyperpnoea-induced bronchoconstriction and markers of airway inflammation. *Br J Nutr* 2016;87:785-791. 8. Tzortzis G. Development and functional properties of Bimuno®: a second generation prebiotic mixture. *Food Sci Technol Bulletin* 2009;6(7):81-89. 9. Vulevic J. A gut feeling. *International Innovation* 2013;56-58. www.clasado.com/news-events/a-gut-feeling. Accessed 24 July 2018.



Bimuno® DAILY

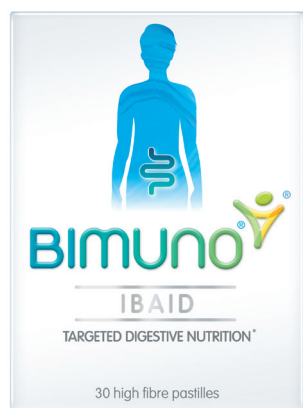
Who is it for? For individuals who wish to support their gut health.

Contents: Contains 30 sachets each containing 3.65g of powder. A daily serving of Bimuno® DAILY provides 2.9g of the active ingredient – galactooligosaccharides (GOS). Bimuno® DAILY is gluten-free, and free from any artificial flavouring and colouring. Per daily serving, Bimuno® DAILY contains 10.1kcal, 1g sugar, 2g fibre and <0.1g fat.

Recommended daily serving:

Adults and young persons \geq 4 years: **Take 1 sachet daily (3.65g)**

Availability: From Boots, Holland & Barrett, Tesco and online at www.bimuno.com



Bimuno® IBAID

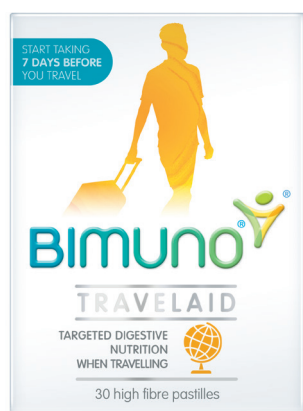
Who is it for? For individuals with a sensitive stomach who wish to maintain their gut health.

Contents: Contains 30 pastilles. A daily serving of Bimuno® IBAID provides a minimum of 1.38g of the active ingredient – galactooligosaccharides (GOS). Bimuno® IBAID is gluten-free, and free from any artificial flavouring and colouring. Per daily serving, Bimuno® IBAID contains 12kcal, 1.4g sugar, 0.8g fibre and <0.1g fat.

Recommended daily serving:

Adults and children aged \geq 4 years: **Take 2 pastilles daily**

Availability: From Boots, Tesco and online at www.bimuno.com



Bimuno® TRAVELAID

Who is it for? For individuals who wish to maintain their gut health when travelling overseas.

Contents: Contains 30 pastilles. A daily serving of Bimuno® TRAVELAID provides a minimum of 2.8g of the active ingredient – galactooligosaccharides (GOS). Bimuno® TRAVELAID is gluten-free, and free from any artificial flavouring and colouring. Per daily serving, Bimuno® TRAVELAID contains 23kcal, 3.2g sugar, 2g fibre and <0.1g fat.

Recommended daily serving:

Adults and children aged \geq 4 years: **Take 3 pastilles daily**

Availability: From Boots and online at www.bimuno.com