PROMITOR® Soluble Fibre and Synbiotics



Recent consensus statement released by The International Scientific Association for Probiotics and Prebiotics (ISAPP) provides a definition and scope of synbiotics.¹

- Association of academic and industrial scientists with a common interest in generating high-quality, collaborative, multidisciplinary science and guidance
- Only scientific organization dedicated specifically to probiotics and prebiotics
- Provides an objective, science-based, trusted voice to guide informed choices



Human clinical study evaluates combination of prebiotic PROMITOR® Soluble Fibre and probiotic Lactobacillus rhamnosus, LGG®



Human intervention study with healthy elderly adults (aged 60-80), consumed 12 g/day of PROMITOR[®] soluble fibre with or without *L. rhamnosus GG*[®] for three weeks.²

- i. All treatments (fibre alone or with probiotics) provided significant changes in gut microbiota, while a placebo did not
- ii. Consumption of *L. rhamnosus GG*[®] combined with PROMITOR[®] soluble fibre increased NK cell activity, a marker of innate immunity, compared to baseline in females and the older group
- iii. In addition, the study showed a decrease of the pro-inflammatory cytokine IL-6 with the dietary intervention of *L. rhamnosus GG*[®] combined with PROMITOR[®] soluble fibre



PROMITOR® Soluble Fibre Overview

PROMITOR[®] Soluble Fibre makes it easy to meet consumer demands for more fibre. Thanks to its superior digestive tolerance, clean taste, consumer-friendly labeling and ease of use, PROMITOR[®] Soluble Fibre is the ideal ingredient for fibre fortification and/or sugar and fat reduction.



PROMITOR® Soluble Fibre is available in liquid and powder to facilitate product development in a wide variety of food and beverage applications. * Claims and claim language vary by country/region. As with all issues concerning food labelling, we recommend that you consult with your internal regulatory/ legal advisors prior to making labeling decisions. Users should also check applicable foreign regulations in the case of food products that may be exported.

For more information on PROMITOR[®] Soluble Fibre please visit tateandlyle.com/ingredient/promitor-soluble-fibre.

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- 2 Costabile A, et al. "Effects of Soluble Corn fibre alone or in Synbiotic Combination with Lactobacillus rhamnosus GG and the Pilus-Deficient Derivative GG-PB12 on Fecal Microbiota, Metabolism, and Markers of immune Function: a randomized, Double-Blind, Placebo-Controlled, Crossover Study in Healthy Elderty (Saimes Study) Front Immunol." 2017; 8: 1443.
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- 9 Jakeman SA, et al. "Soluble corn fibre increases bone calcium retention in postmenopausal women in a dose-dependent manner: a randomized crossover trial." Am J Clin Nutr. 2016 Sep;104(3):837-43.
 10 H.A. Grabitske, et al. "Gastrointestinal Effects of Low-Digestible Carbohydrates," Crit Rev Food Sci Nutr 2009, 49:327-360.cl G. Carabin, W.G. Flamm, "Evaluation of Safety of Inulin and Oligofructose as Dietary Fiber."z Regul Toxicol Pharmacol 1999. 30:268-282.
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