

Māge is a probiotic for women that contains a proprietary blend of clinically studied probiotics and a novel prebiotic that help restore balance to the female pelvic triangle: the gut, vagina, and urinary tract.



active ingredients in Māge:

Lactobacillus acidophilus La-14[®] & Lactobacillus rhamnosus HN001[™] are supported by clinical trials showing strong oral route vaginal colonization and effectiveness in managing vaginitis, bacterial vaginosis, and vulvovaginal candidiasis.

Reference: Lactobacillus acidophilus La-14, Lactobacillus rhamnosus HN001 Oral consumption leads to vaginal detection; even 1 week after consumption was stopped⁽²⁾.

Bacillus subtilis DE111[®] is supported by clinical trials showing strong oral route germination in the upper and lower GI tract supporting normalized digestion and regularity promoting digestive health, a precursor to vaginal and urinary tract health.

Reference: Bacillus subtilis DE111 These results reveal orally ingested B. subtilis DE111 spores are able to remain viable during transit through the stomach and germinate in the small intestine of humans within 3h of ingestion⁽⁷⁾.

Bifidobacterium lactis HN019 (DR10)[™] is supported by multiple clinical trials evidencing increased gut transit in persons with less frequent bowel movements, a precursor to vaginal and urinary tract health.

Reference: Bifidobacterium lactis HN019 supplementation is well tolerated, decreases Whole Gut Transit Time in a dosedependent manner, and reduces the frequency of functional GI symptoms in adults⁽¹⁰⁾.

PreforPro[®] is a novel prebiotic that aids in the propagation of probiotics. It is a bacteriophage that specifically and only attacks E. coli. It injects its DNA into the E. coli and reproduces itself until it ruptures the cell wall of the E. coli, killing it. The resulting new bacteriophages and nutrients are released into the biome. These nutrients nourish the probiotics, so they thrive and multiply 3- to 4-fold. Subsequent to successful gut transit and now well-nourished the probiotics have much larger colony counts, so are better prepared to transmigrate from the gut to the vagina and urinary tract.

Reference: PreforPro selectively reduces target organisms (E. coli) without global disruption of the gut community⁽¹⁴⁾ and as a combination therapy may alter gut ecology to extend the GI benefits of consuming B. lactis or other probiotics⁽¹⁵⁾.

Contact Us

For more information or to request access to the clinical studies referenced in this document, please contact us at 877.421.7160 or hcp@solvwellness.com.

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<u>Lactobacillus acidophilus La-14</u>®, <u>Lactobacillus rhamnosus HN001</u>™

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- 3. Russo et al. "Study on the effects of an oral lactobacilli and lactoferrin complex in women with intermediate vaginal microbiota"; Arch Gynecol Obstet. 2018 Jul;298(1):139-145.
- 4. Russo et al "Evidence-based mixture containing Lactobacillus strains and lactoferrin to prevent recurrent bacterial vaginosis: a double blind, placebo controlled, randomized clinical trial" Beneficial Microbes, 2019; 10(1): 19-26.
- 5. Gopal et all. "In vitro adherence properties of Lactobacillus rhamnosus DR20 (HN001) and Bifidobacterium lactis DR10 strains and their antagonistic activity against an enterotoxigenic Escherichia coli" International Journal of Food Microbiology 67 2001 207–216.
- 6. Russo et al. "Randomized clinical trial in women with Recurrent Vulvovaginal Candidiasis: Efficacy of probiotics and lactoferrin as maintenance treatment" Mycoses. 2019;62:328–335.

Bacillus subtilis DE111®

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- 9. Cuentas et al. "The Effect of Bacillus subtilis DE111 on the Daily Bowel Movement Profile for People with Occasional Gastrointestinal Irregularity" J Prob Health 2017, 5:4.

<u>Bifidobacterium lactis HN019 (DR10)</u>™

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- 15. Grubb et al. "PHAGE-2 Study: Supplemental Bacteriophages Extend Bifidobacterium animalis subsp. lactis BL04 Benefits on Gut Health and Microbiota in Healthy Adults" Nutrients 2020, 12, 2474.

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