Metabolic Code® MAX 12 PROBIOTIC

Strong Immune and Digestive Support*

- **Metabolic Code® Max 12 Probiotic** contains a diverse community of twelve beneficial bacteria that includes Kyo-Dophilus® Probiotic's proprietary strains known as The Friendly Trio® consisting of *L. gasseri* KS-13, *B. bifidum* G9-1, and *B. longum* MM-2. *B. infantis*, *B. breve*, and *L. rhamnosus* and other compatible species help populate the microbiome with beneficial bacteria to promote strong GI health and help maintain digestive and immune system balance.*
- **Metabolic Code® Max 12 Probiotic** 60 Billion CFU (Colony Forming Units) with Kyo-Dophilus® represents one of the strongest multi-strain probiotics available. High potency **Metabolic Code® Max 12 Probiotic** survives stomach acid,* encourages implantation and rapid replication in the gut for critical GI and immune support.* **Metabolic Code® Max 12 Probiotic** delivers efficacy,* quality, and extended live cell viability without refrigeration.
- Kyo-Dophilus' The Friendly Trio® is a clinically studied proprietary blend of human strain *Lactobacillus gasseri* KS-13, *Bifidobacterium bifidum* G9-1, and *Bifidobacterium* longum MM-2 proven to support digestive and immune function.*

SUGGESTED USE: Take one capsule with a meal daily. Not recommended for children under 12.

Supplement Facts

Serving Size: 1 delayed release capsule
Servings Per Container: 40

	Amount per serving	%DV
Proprietary Blend *Lactobacillus gasseri* KS-13, *Bifidobacterium bifidum* G9-1 and *Bifidobacterium longum* MM-2, UALp-05™ *Lactobacillus plantarum*, UALpc-04™ *Lactobacillus paracasei*, UABla-12™ *Bifidobacterium animalis* subsp. *Lactis*, *Bifidobacterium longum* BB536, UALa-01™ *Lactobacillus acidophilus*, *Bifidobacterium breve* M-16V, *Bifidobacterium infantis* M-63, *Lactobacillus gasseri* LAC-343, *Lactobacillus rhamnosus* LCS-742	60 billion live cells†	**
**Daily Value (DV) not established		

†Prior to expiration date

UALp-05, UALpc-04, UABla-12, and UALa-01 are trademarks of Chr. Hansen A/S.

Other ingredients: Starch (potato, tapioca, corn), Hypromellose (vegetable capsule), Silicon dioxide, Calcium phosphate.

Free of: GMOs, soy, gluten, dairy, sodium, preservatives, artificial colors, artificial flavors.

Warning: Consult your healthcare professional before using this or any product if you are pregnant, nursing, or under medical care.
Refrigeration not required. Store in a cool, dry place with cap tight.
Keep out of reach of children.
Safety Sealed: Do not use if cap drop ring or printed inner seal is broken or missing. Glass bottle, handle with care.

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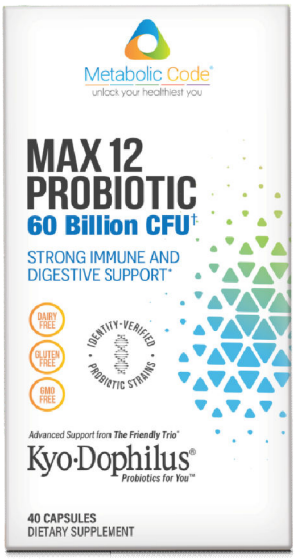
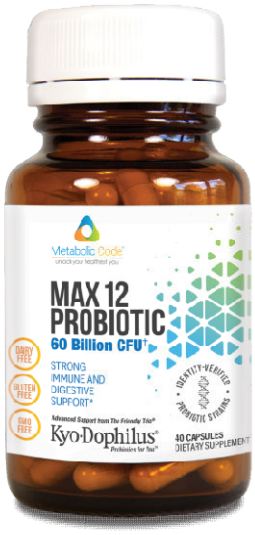
Distributed by:
Natural Formulations, LLC
Cincinnati, OH 45202 USA
www.metaboliccode.com





Product Code

633-94CX: 40 capsules

***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.

INTENDED FOR PROFESSIONAL USE ONLY

Metabolic Code® MAX 12 PROBIOTIC

Strong Immune and Digestive Support*

Metabolic Code® Max 12 Probiotic containing a Proprietary Blend of *Lactobacillus gasseri* KS-13, *Bifidobacterium bifidum* G9-1 and *Bifidobacterium longum* MM-2, UALp-05™ *Lactobacillus plantarum*, UALpc-04™ *Lactobacillus paracasei*, UABla-12™ *Bifidobacterium animalis* subsp. *Lactis*, *Bifidobacterium longum* BB536, UALa-01™ *Lactobacillus acidophilus*, *Bifidobacterium breve* M-16V, *Bifidobacterium infantis* M-63, *Lactobacillus gasseri* LAC-343, *Lactobacillus rhamnosus* LCS-742 [60 billion live cells], is designed for strong immune and digestive support.*

***Lactobacillus gasseri* KS-13** and ***Bifidobacterium bifidum* G9-1** strains were shown to reduce both diarrhea and constipation in patients,[1-3] and alleviate symptoms of those with *Candida albicans*.[4] The Friendly Trio, which also includes *L. gasseri* KS-13, *B. bifidum* G9-1 combined with ***Bifidobacterium longum* MM-2**, were clinically shown to prevent the occurrence of nosocomial infection in patients with hematologic and oncologic diseases,[5] induce a less inflammatory cytokine profile and a potentially beneficial shift in gut microbiota in older adults,[6] and improve rhinoconjunctivitis-specific quality of life in individuals with seasonal allergies.[7]

***Bifidobacterium longum* BB536** appears to be effective in the treatment[8,9] and exert positive influences on the formation of anti-allergic microbiota[10,11] of Japanese cedar pollinosis in several clinical studies. *B. longum* BB536 may potentiate innate immunity by reducing the incidence of influenza and fever in elderly subjects,[12] may significantly decrease the cell numbers of enterotoxigenic bacteroides fragilis (ETBF) in the microbiota,[13] increase the cell number of bifidobacteria in the intestinal microbiota,[14,15] and modulate immune function[14] and frequency of defecation[15] in elderly patients receiving enteral tube feeding. Another benefit includes showing improved symptomatic gastrointestinal (GI) episodes after gastric bypass surgeries and initially improve quality of life (QoL).[16]

***Bifidobacterium breve* M-16V** administered to patients with atopic dermatitis with Bifidobacterium-deficient microflora was shown to significantly improve allergic symptoms[17] and significantly increased fecal *B. breve* counts without adverse effects.[18]

A mixture of *B. longum* BB536, ***Bifidobacterium infantis* M-63** and *B. breve* M-16V were shown to decrease abdominal pain and improve QoL in those with irritable bowel syndrome[19], and found safe and effective in the treatment of chronic constipation[20], and significantly improve allergic rhinitis (AR) symptoms and QoL in those with pollen-induced AR and intermittent asthma.[21]

***Bifidobacterium lactis* UABla-12™** was shown to improve abdominal pain and symptom severity scores with a corresponding normalization of bowel habits in adults with IBS.[22]

Lactobacillus acidophilus, Lactobacillus paracasei, Lactobacillus plantarum species have been shown to positively modulate intestinal microflora, support a health inflammation response, improve symptoms of irritable bowel syndrome (IBS), enhance systematic immunity, and support regularity.[23-36]

References

1. In-House Clinical Study Conducted on 180 Patients from 8 Different Medical Facilities (Kobe University and associated hospitals).
2. Honma N, Ohtani K, et al. Part II. Clinical Effects. New Medicines and Clinics. 1987;36(1):75-80.
3. Willard T. Chiron Consultants Inc., Calgary, Canada.1989.
4. Willard T. Chiron Consultants Inc., Calgary, Canada. 1989.
5. Simon AGL, Rogacion J. PIDSP J. 2005;9(2):12-18.
6. Spaiser SJ, Culpepper T, et al. J Am Coll Nutr. 2015;34(6):459-69.
7. Dennis-Wall JC, Culpepper T, et al. Am J Clin Nutr. 2017;105(3):758-67.
8. Xiao JZ, Kondo S, et al. Clin Exp Allergy. 2006;36(11):1425-35.
9. Xiao JZ, Kondo S, et al. Allergol Int. 2007;56(1):67-75.
10. Odamaki T, Xiao JZ, et al. J Investig Allergol Clin Immunol. 2007;17(2):92-100.
11. Odamaki T, Xiao JZ, et al. J Med Microbiol. 2007;56(Pt 10):1301-8.
12. Namba K, Hatano M, et al. Biosci Biotechnol Biochem. 2010;74(5):939-45.
13. Odamaki T, Sugahara H, et al. Anaerobe. 2012;18(1):14-8.
14. Akatsu H, Iwabuchi N, et al. JPEN J Parenter Enteral Nutr. 2013;37(5):631-40.
15. Kondo J, Xiao JZ, et al. World J Gastroenterol. 2013;19(14):2162-70.
16. Chen JC, Lee WJ, et al. Surg Obes Relat Dis. 2016;12(1):57-61.
17. Hattori K, Yamamoto A, et al. Areugi. 2003;52(1):20-30. [Article in Japanese].
18. Patole S, Keil AD, et al. PLoS One. 2014;9(3):e89511.
19. Giannetti E, Maglione M, et al. J Clin Gastroenterol. 2017;51(1):e5-e10
20. Russo M, Giugliano FP, et al. Ital J Pediatr. 2017;43(1):24. doi: 10.1186/s13052-017-0334-3.
21. Miraglia Del Guidice M, Indolfi C, et al. Ital J Pediatr. 2017;43(1):25. doi: 10.1186/s13052-017-0340-5.
22. Martoni CJ, Srivastava S, Leyer GJ. Nutrients. 2020;12(2):363. doi: 10.3390/nu12020363.
23. Harata G, Kumar H, et al. Eur J Nutr. 2017;56(7):2245-53.
24. Kawase M, He F, et al. Int J Food Microbiol. 2009;128(3):429-34.
25. Inoue Y, Kambara T, et al. Int Arch Allergy Immunol. 2014;165(4):247-54.
26. Ishida Y, Nakamura F, et al. J Dairy Sci. 2005;88(2):527-33.
27. Zhang H, Sun J, et al. J Microbiol. 2013;51(6):777-82.
28. Moroi M, Uchi S, et al. J Dermatol. 2011;38(2):131-9.
29. Peng GC, Hsu CH. Pediatr Allergy Immunol. 2005;16(5):433-8.
30. Ducrotté P, Sawant P, et al. World J Gastroenterol. 2012;18(30):4012-8.
31. Bosch M, Méndez M, et al. Nutr Hosp. 2012;27(2):504-9.
32. Mañé J, Pedrosa E, et al. Nutr Hosp. 2011;26(1):228-35.
33. Eskesen D, Jespersen L, et al. Br J Nutr. 2015;114(10):1638-46.
34. Singh A, Hacini-Rachinel F, et al. Eur J Clin Nutr. 2013;67(2):161-7.
35. Lee A, Lee YJ, et al. Nutrients. 2017;9(6). Pii: E558. doi: 10.3390/nu9060558.
36. Williams EA, Stimpson J, et al. Ailment Pharmacol Ther. 2009;29(1):97-103.

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