

Biofilm ProBalance™

A New Path to Gut Health

Probiotic & Enzyme Blend

Kale

Garlic

Contains a proprietary probiotic + enzyme + whole food formula

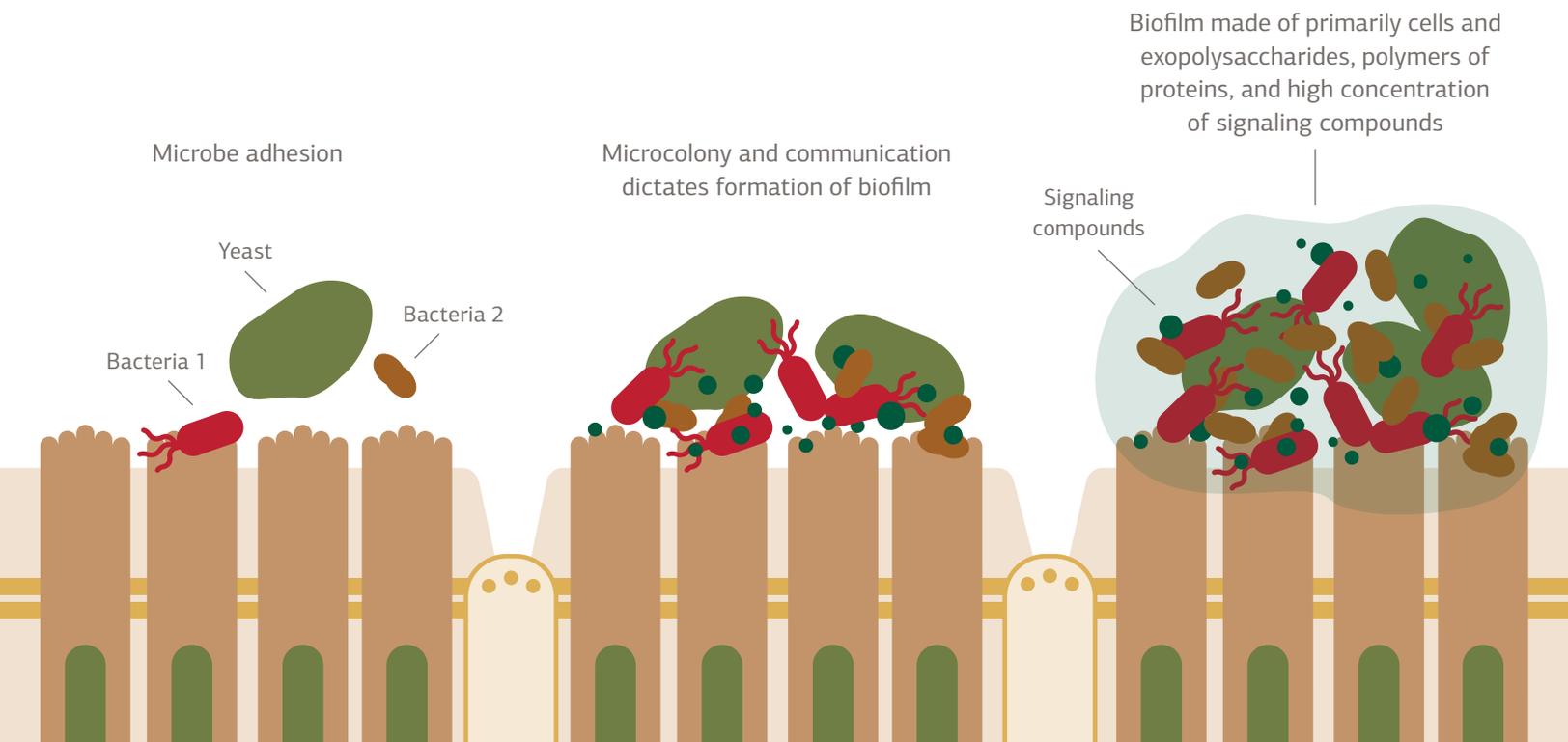
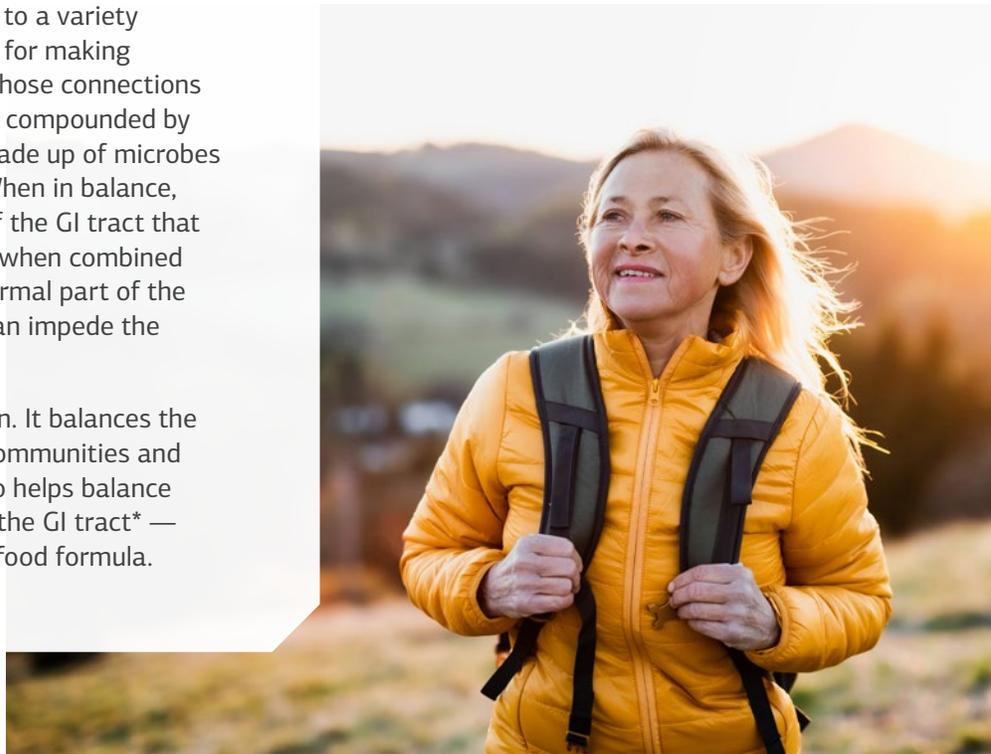


Biofilms Can Create Barriers to Gut Health

Biofilm ProBalance™ provides targeted support

A healthy human gut microbiome is home to a variety of bacteria and fungi that are responsible for making connections that can impact wellness.^{1,2} Those connections — whether positive or negative — can be compounded by biofilms: polymeric substances that are made up of microbes and various extra cellular components.³ When in balance, biofilms are a normal, structural aspect of the GI tract that can positively influence health.³ However, when combined with fungal species such as Candida (a normal part of the mycobiome in small numbers⁴), biofilms can impede the optimization of microbial ecology.³

That's where Biofilm ProBalance™ comes in. It balances the structure and development of microbial communities and extracellular components in the GI.* It also helps balance naturally occurring yeasts like Candida in the GI tract* — all through a probiotic + enzyme + whole food formula.



A Variety of Factors Can Lead to Frustration

Possible contributors to a yeast disbalance include:⁵⁻⁷



Biofilm ProBalance™

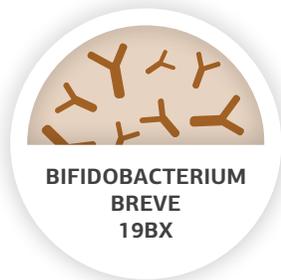
Suggested Use: Three capsules per day with a meal, or as directed.

- Supports healthy yeast microbiome balance*
- Provides targeted Candida support*
- Regulates mixed species biofilm matrices in the GI*
- Supports intestinal comfort*
- Helps relieve occasional bloating*
- Supports digestive health*
- Contains BIOHM FX®, which promotes healthy gut microbiome structure*
- Contains organic garlic and kale: whole foods with in vitro data demonstrating support for biofilm balance*

*These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.

Targeted Candida & Microbiome Support

Biofilm ProBalance™ contains **BIOHM FX®** — a **proprietary probiotic and enzyme blend** to promote healthy gut microbiome structure* that consists of:



THE SCIENCE BEHIND BIOHM FX®

BIOHM FX® has been shown in two clinical studies to support mycobiome balance and digestive health, with specific regards to discouraging Candida yeasts.⁸ In previous studies, several probiotic components of the blend have been shown to survive the acidic conditions of the stomach, especially if ingested within 30 minutes of a meal.⁹

Products for Additional GI Support



GI Stability™
Microbiome support
supplement with
prebiotic 2'-FL



GI Adsorb™
Gastrointestinal health
and elimination*



**Gut Flora
Complex**
Healthy gut
function support*



Enzycore
Healthy digestion and
nutrient adsorption*

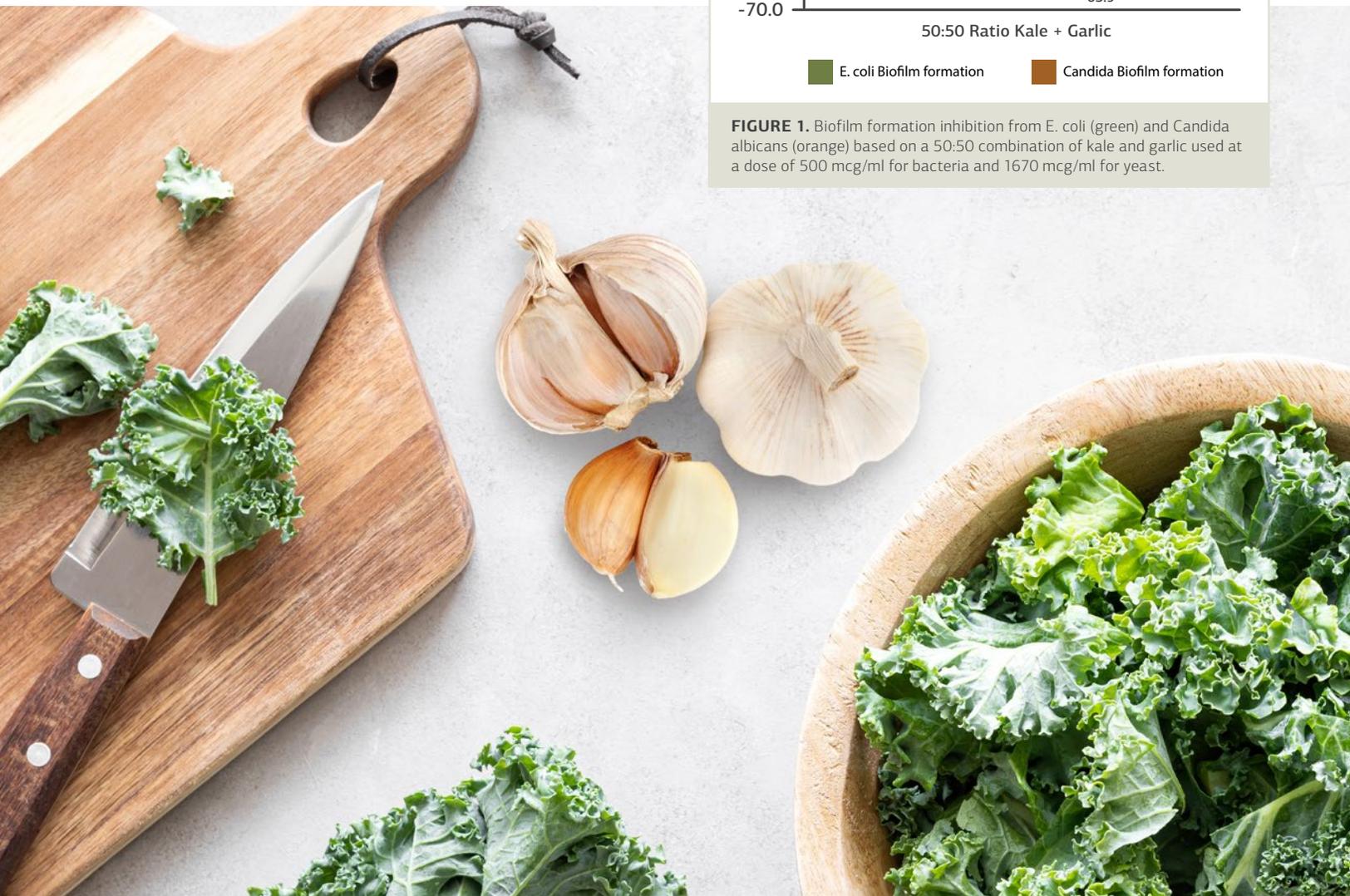
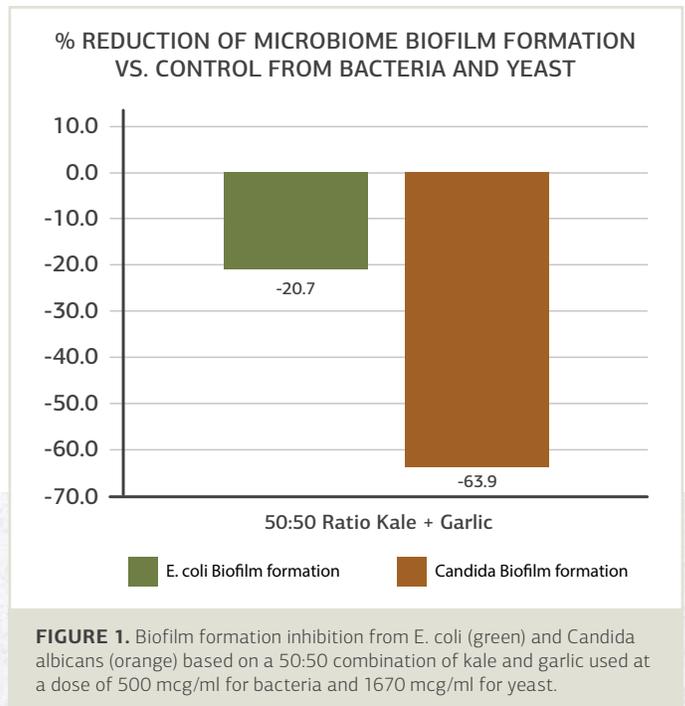


**Microbiome
Test Kit**
Assess the gut's
microbiome

Biofilm ProBalance™ Contains Organic Garlic & Kale

Whole foods with data that demonstrates biofilm balance support

Internal Standard Process research utilizing an in vitro biofilm formation assay measured kale powder and garlic for their ability to inhibit biofilm formation. Results show the garlic was able to reduce the biofilm formation from *Candida albicans*, and the kale was able to inhibit the biofilm formation from *E. coli*. When used in a 50:50 combination, the mixture was able to inhibit the formation of biofilms from either species (Figure 1). What's more, the kale utilized for Biofilm ProBalance™ is sourced from the Standard Process certified organic farm.



Together, We Can Change Lives

Changing lives is our passion and has been since our company's inception in 1929. This passion is what drove our founder, Dr. Royal Lee, to develop and pioneer the first whole food-based supplement on the market, the revolutionary Catalyn®.

At Standard Process:

We change lives with our whole food philosophy.

We grow ingredients on our certified organic farm in Wisconsin.

We're serious about quality.

We make products to support the health of the whole family.

We team-up with health care professionals.

We've been trusted for generations. Our products have been changing lives since 1929.

1. Hager, C.L. & Ghannoum, M.A. Digestive and Liver Disease 49, 1171-1176 (2017).
2. Hoarau, G., et al. mBio 7, e01250-01216 (2016).
3. Deng, Z., Luo, X.M., Liu, J. & Wang, H. Frontiers in Cellular and Infection Microbiology 10, 538077 (2020).
4. Øilo, M. & Bakken, V. Materials 8, 2887-2900 (2015).
5. Alexandru Vasile, R., Berta Alvarez, P., Ann-Kristin, S. & Monica, T. Update in Geriatrics (ed. Somchai, A.) Ch. 12 (IntechOpen, Rijeka, 2020).

6. Kumamoto, C.A., Gresnigt, M.S. & Hube, B. Curr Opin Microbiol 56, 7-15 (2020).
7. Alshanta, O.A., et al. Biofilm 4, 100072 (2022).
8. Ghannoum, M.A., et al. Current Issues in Molecular Biology 43, 2135-2146 (2021).
9. Ghannoum, M., Ghannoum, A., Long, L., Sun, P. & Isham, N. J. Probiotics Heal 7, 1-4 (2019).



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