



Biofilm ProBalance™ Contains Organic Garlic & Kale

Internal Standard Process research utilizing an in vitro biofilm formation assay measured kale powder and garlic for their ability to inhibit biofilm formation. What's more, the kale utilized for Biofilm ProBalance™ is sourced from the Standard Process certified organic farm.

% REDUCTION OF MICROBIOME BIOFILM FORMATION VS. CONTROL FROM BACTERIA AND YEAST

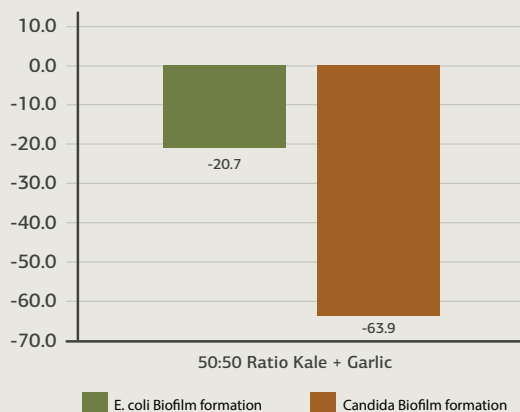


FIGURE 1. Biofilm formation inhibition from *E. coli* (green) and *Candida albicans* (orange) based on a 50:50 combination of kale and garlic used at a dose of 500 mcg/ml for bacteria and 1670 mcg/ml for yeast.



Changing Lives with Nutrition

Standard Process:

- Is committed to changing lives with a whole food philosophy
- Grows many ingredients on the Standard Process certified organic farm in Wisconsin
- Is serious about quality
- Makes products to support the health of the whole family
- Teams-up with health care professionals
- Has been trusted for generations, with products that have been changing lives since 1929



TOGETHER WE CHANGE LIVES.

Standard Process, Your Health Care Practitioner, and You

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3. Alexandru Vasile, R., Berta Alvarez, P., Ann-Kristin, S. & Monica, T. *Update in Geriatrics* (ed. Somchai, A.) Ch. 12 (IntechOpen, Rijeka, 2020).
4. Kumamoto, C.A., Gresnigt, M.S. & Hube, B. *Curr Opin Microbiol* 56, 7-15 (2020).
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A New Path to Gut Health

Biofilm ProBalance™



A groundbreaking probiotic approach



95 years

Standard Process
WHOLE FOOD NUTRIENT SOLUTIONS

Gut Concerns Can Be Frustrating

Biofilm ProBalance™: a new probiotic option

When in balance, biofilms are a normal, structural aspect of the GI tract that can positively influence health.¹ However, when combined with fungal species such as Candida (a normal part of the mycobiome in small numbers²), biofilms can create a barrier to gut health.¹

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 proprietary probiotic + enzyme + whole food formula.**

Biofilm made of primarily cells and exopolysaccharides, polymers of proteins, and high concentration of signaling compounds

Microcolony and communication dictates formation of biofilm

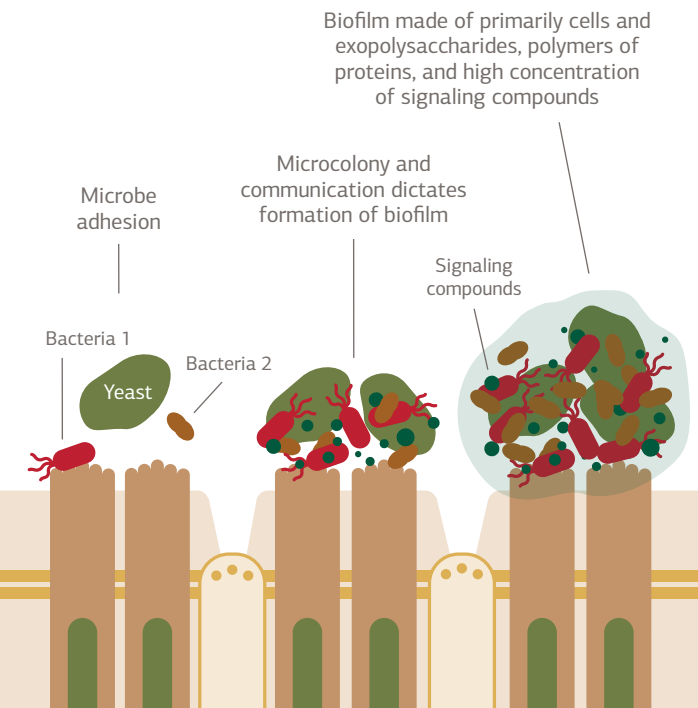
Microbe adhesion

Signaling compounds

Bacteria 1

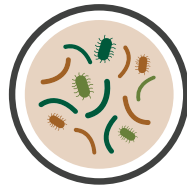
Yeast

Bacteria 2

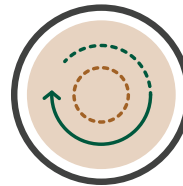


A Variety of Factors Can Lead to Gut Concerns

Possible contributors to a yeast disbalance include:³⁻⁵



Bacterial imbalances



The aging process



Recent GI challenges



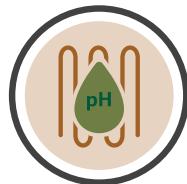
Medications (antibiotics, corticosteroids, etc.)



Metabolic concerns



Occasional immune system concerns



pH shift



Poor dietary choices including diets with excess simple sugars and refined carbohydrates

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*

BIOHM FX® is a registered trademark of BIOHM Health Inc.

Standard Process® products labeled as Vegan are devoid of animal-based tissue, animal-based gelatin, or fish oils. They are also devoid of animal-based ingredients such as dairy, eggs, honey, beeswax, and lanolin. Standard Process® products labeled as Gluten-Free have been tested to verify they meet the regulations associated with the United States Food and Drug Administration's gluten-free labeling.

*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.