

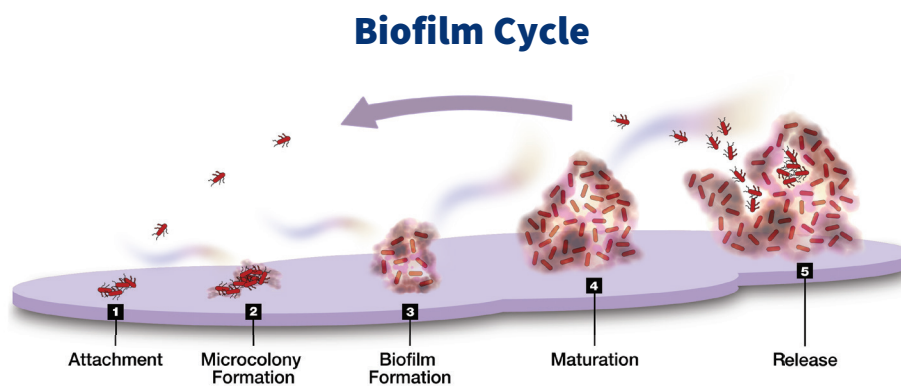
InterFase® and InterFase® Plus

Gastrointestinal anti-biofilm enzyme formulations for use under the direction of an appropriately trained healthcare professional

InterFase® is a potent enzyme formulation specifically designed to disrupt gastrointestinal biofilm communities. Although a normal survival mechanism for commensal bacteria, undesirable organisms may become entrenched in biofilm and therefore unresponsive to conventional and natural remedies including probiotics.

InterFase® enzymes have been selected for their ability to lyse foundational extracellular polymers as well as degrade bacterial and yeast cell walls. The addition of disodium ethylenediaminetetraacetic acid (EDTA) in InterFase® Plus delivers more aggressive anti-biofilm action by binding metals needed for biofilm formation.

InterFase® and InterFase® Plus are formulated to be employed as part of a comprehensive program to support GI health by modifying undesirable gut biofilm. The products are designed to be used in conjunction with botanical, supplement, and/or conventional treatments. Also, changes in diet are usually necessary and the use of probiotics is strongly advised. As part of a comprehensive program, they should always be used under the direction of an appropriately trained healthcare professional such as an MD, DO, ND, PA, or RN. InterFase® Plus is not intended for long-term daily use. It is also contraindicated in individuals under 18 years of age, pregnant or nursing mothers, individuals with liver or kidney conditions, or other conditions as indicated by the dispensing healthcare professional.



1. Bacteria attach to the lumen.
2. Colonies of bacteria form via adhesins such as polysaccharides and components of bacterial membranes.
3. Bacteria secrete molecules known as autoinducers, which at high concentrations induce expression of proteins that facilitate multi-cell processes such as biofilm development.
4. Cell growth and continual secretion of polysaccharides result in expansion of the biofilm, with dying cells releasing DNA and proteins—further strengthening the matrix and adding layers to the biofilm.
5. Biofilms are able to persist as they simply detach, disperse, and re-colonize elsewhere.

†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.

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