

The Postbiotic for Pets

What is a Postbiotic?

A postbiotic is an ingredient that is made of dead microorganisms that still have a health benefit when ingested. A postbiotic, like LBiome™, can give you all the digestive benefits of a probiotic and the formulation flexibility of a spore, with none of the stability stress or manufacturing concerns.

Why is LBiome the Pioneer in Postbiotics?

LBiome is a heat-treated postbiotic (Lactobacillus LB) that has been used as a digestive aid for over a century in humans. LBiome is the "Pioneer in Postbiotics," with 12 published clinical studies showing digestive health support for both adult and pediatric populations. LBiome shows benefits in a variety of animal populations, including our canine friends (feline study to be completed in 2023).



How do these dead cells work?

LBiome is a postbiotic, so there are no live organisms present. However, LBiome heat-treated cells and metabolites continue to provide quick and efficacious digestive health benefits. LBiome cells adhere to the gut lining, supporting a healthy bacterial balance in the digestive system, all while simultaneously strengthening the gut lining by supporting a healthy brush border and tight junctions. These mechanisms of action produce fast results for calming lower GI upset, as seen in the many published LBiome clinical studies.*



Travel-Induced Oxidative Stress



Microbiome Support



Digestive Health/ **Bowel Function**



Postbiotics



Travel-Induced Stress

Helps attenuate travel-induced oxidative stress in canines.*



Healthy Bowel Function

Promotes healthy bowel functioning in dogs.*



Formulation Flexibility

No live organisms, so the delivery possibilities are endless.



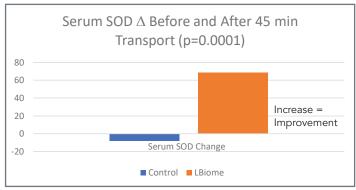
Healthy Microbiome

Supports a healthy diverse gut microbiome in dogs.*



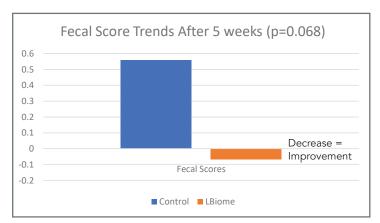


LBiome™ 2023 Canine Study



4 mg LBiome/kg via gelatin capsule for 5 weeks, n=15

LBiome helps attenuate travel-induced oxidative stress in dogs: Superoxide dismutase (SOD) transforms free radicals into less damaging molecules. High SOD concentrations are viewed as being protective from free radicals and oxidative damage.¹



LBiome promotes healthy bowel functioning in dogs: Fecal scores of dogs supplemented with LBiome tended to be lower than controls, signifying firmer feces with LBiome supplementation.¹

Claims

- Promotes healthy bowel functioning in dogs*
- Helps attenuate travel-induced oxidative stress in dogs*
- Promotes the presence of beneficial gut microbes in dogs*
- Supports a healthy diverse gut microbiome in dogs*

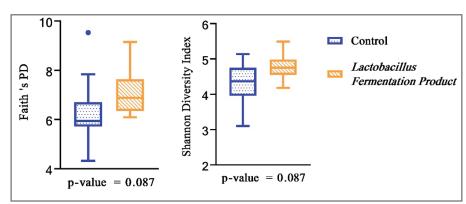
Recommended Daily Dose in Pet Supplements & Treats



LBiome is AAFCO² approved as a dried *Lactobacillus* fermentation product.

References

- 1. Koziol SA, Oba PM, Soto-Diaz K, Eckhardt E, Steelman AJ, Suchodolski JS, Swanson KS. (2023) *University of Illinois at Urbana-Champaign*. (Pending Publication)
- 2. Association of American Feed Control Officials (AAFCO). 2022. Official publication. Champaign, IL: AAFCO.



LBiome promotes the presence of beneficial gut microbes in dogs/Supports a healthy diverse gut microbiome in dogs: Faith's Phylogenetic Diversity and Shannon Diversity Index suggest that microbiome species richness tended to be higher in dogs supplemented with LBiome than controls.¹

Ingredient

LBiome™ Lactobacillus LB

Other ingredients: Lactose

Delivery Options: Powder, sprinkle, can be added to kibble, emulsion or liquid delivery, chews and more.



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