

Pendulum Akkermansia

Replenish keystone strain *Akkermansia muciniphila*

Akkermansia muciniphila is naturally found in the gastrointestinal tract, and comprises approximately 4% of intestinal bacteria.

The primary function of *Akkermansia muciniphila* is to directly interact with and help regulate the gut mucus lining.

It's abundant in healthy (i.e. stable and diverse) adult gut microbiomes.

Since its discovery in 2004, over 3,000 studies have been published on *Akkermansia muciniphila*.

Pendulum Akkermansia is the most direct way to restore *Akkermansia muciniphila* in the gut.



Improves
gut health*



Strengthens
gut lining*



Reduced gut
permeability*

*Based on in vitro studies

To maintain *Akkermansia muciniphila* within the gut:

- ✓ Take Pendulum Akkermansia
- ✓ Follow a diet rich in soluble fiber and polyphenols

Good to know

- ✓ Adults take 1 capsule daily with food
- ✓ Refrigerate for optimal quality
- ✓ Pendulum products do not contain any of the 9 major allergens nor does the manufacturing process create allergens; therefore, we are confident that our products are allergen free. Products are produced in a facility that manufactures milk, egg, fish, shellfish, tree nuts, peanuts, wheat, sesame, and soybean-containing products



How does Akkermansia work? (Hint: it loves mucin)

- 1 The lining of the intestines is made up of epithelial cells, which are covered in a mucus layer
- 2 The mucus layer is rich in a glycoprotein called mucin which regulates the thickness of the intestine's mucus layer
- 3 *Akkermanisa muciniphila* thrives on mucin— as the strain consumes mucin, the epithelial cells release a metabolite which promotes mucin layer growth
- 4 A fortified mucin layer is what strengthens the gastrointestinal lining

FUN FACT

The word "Akkermansia" was named after microbial ecologist Antoon D.L. Akkermans, and "muciniphila" is Latin for "to love mucin."



Novel strains

A Pendulum-exclusive live, patented strain discovered through high resolution DNA sequencing



Targeted function

Reduces gut permeability and strengthens the gut barrier by fortifying the mucin layer

"In my practice as a functional registered dietitian, using the proper tools to assess gut health is essential to help get to the root cause. Having the ability to replace Akkermansia and combining it with the right dietary factors has made an incredible difference in my patients' metabolic and gut health."



JANA DAVIS
MS, RDN, CDCES

Bring this innovative approach into your practice

Help your patients find optimal health by harnessing the power of the gut microbiome with Pendulum's clinically-studied strains. Create an account to access education, resources, and special healthcare pricing.

Set up your healthcare account

Scan the QR code or email hcpinfo@pendulumlife.com to set up your account.



PendulumLife.com/hcp

