

THE AKK REVOLUTION

Akkermansia

(WST01, AKKBG-001, Live & Inactivated bacteria)

AKK
The Future of
Probiotics is Here

Next-Generation Probiotics for
Weight Management & Metabolic Health



Why Choose AKK?

Akkermansia muciniphila (AKK) is recognized as a “**next-generation probiotic**” star strain, closely linked to body weight regulation, glucose metabolism, gut barrier integrity, and inflammation control. **Both clinical and mechanistic evidence are continuously growing.**

A 2019 *Nature Medicine* human clinical study showed that supplementation with pasteurized AKK significantly improved insulin sensitivity, reduced hyperinsulinemia, and lowered total cholesterol.

In 2025, a *Cell Metabolism* publication further demonstrated that the live strain WST01 achieved significant weight loss and metabolic improvement in overweight/obese type 2 diabetes patients with low baseline AKK abundance.

We don't just offer a strain,
We offer you the key to this market.



AKKTM BG-001

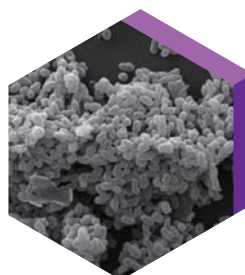
Inactivated bacteria

Outstanding Safety

- ☆ Verified through whole-genome sequencing
- ☆ Free from common allergens

Proprietary Industrial Fermentation Technology

- ☆ High-purity bacterial powder, free from microbial contamination
- ☆ High production yield

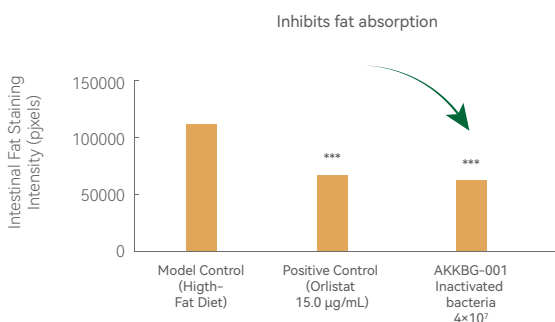


Sourced from
healthy human

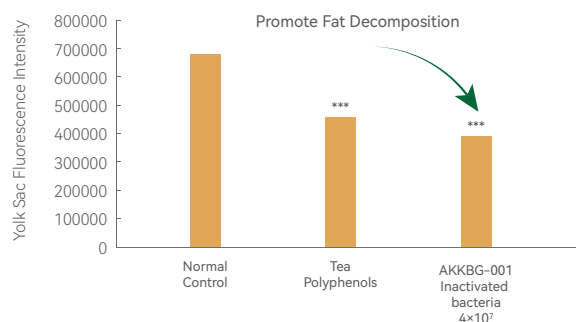
Inactive-AKK:
200 B TFU/g

Multi-Pathway Mechanisms

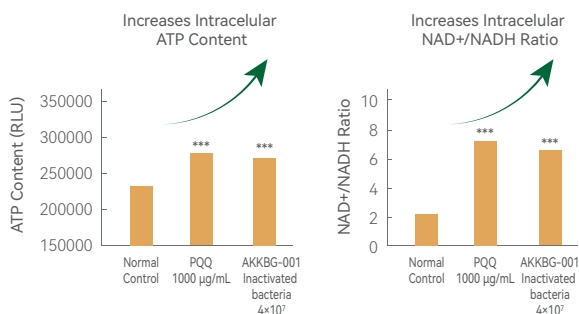
- Inhibits fat absorption (~50%, comparable to control group)



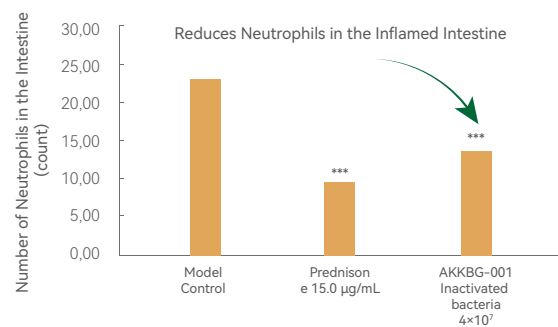
- Promotes fat Decomposition (~40%, comparable to control group)



- Enhances energy metabolism (↑ATP, ↑NAD⁺/NADH)



- Repairs gastrointestinal mucosal damage



AKKTM
BG-001

Strain Highlights

- ☆ As a postbiotic, it is perfectly suited for gummies, beverages, and functional foods at ambient temperature.
- ☆ Multi-dimensional benefits: weight management + energy enhancement + gut barrier repair.
- ☆ Whole-genome sequenced (no harmful genes), allergen-free, and produced with advanced high-purity technology.



Clinical Evidence

The 2019 *Nature Medicine* study confirmed that pasteurized AKK improves insulin sensitivity, reduces cholesterol, and has excellent safety.

Target Consumers

- ☆ Individuals seeking weight loss
- ☆ Those focused on metabolic health
- ☆ People aiming to improve gut health



- ☆ **Capsule content:** 450 mg/capsule
- ☆ **Bacterial count:** ≥ 30 Billion TFU/capsule
- ☆ **Key ingredients:**
 - *Akkermansia muciniphila* AKKBG-001 (Inactivated bacteria)
 - Green tea extract (EGCG)
 - Vitamin B complex (B3, B5) & Vitamin C

Live bacteria

***Akkermansia muciniphila* supplementation in patients with overweight/obese type 2 diabetes: Efficacy depends on its baseline levels in the gut**



- ☆ Academician-led research project
- ☆ Jointly developed with top-tier hospitals

Weight management and blood sugar control

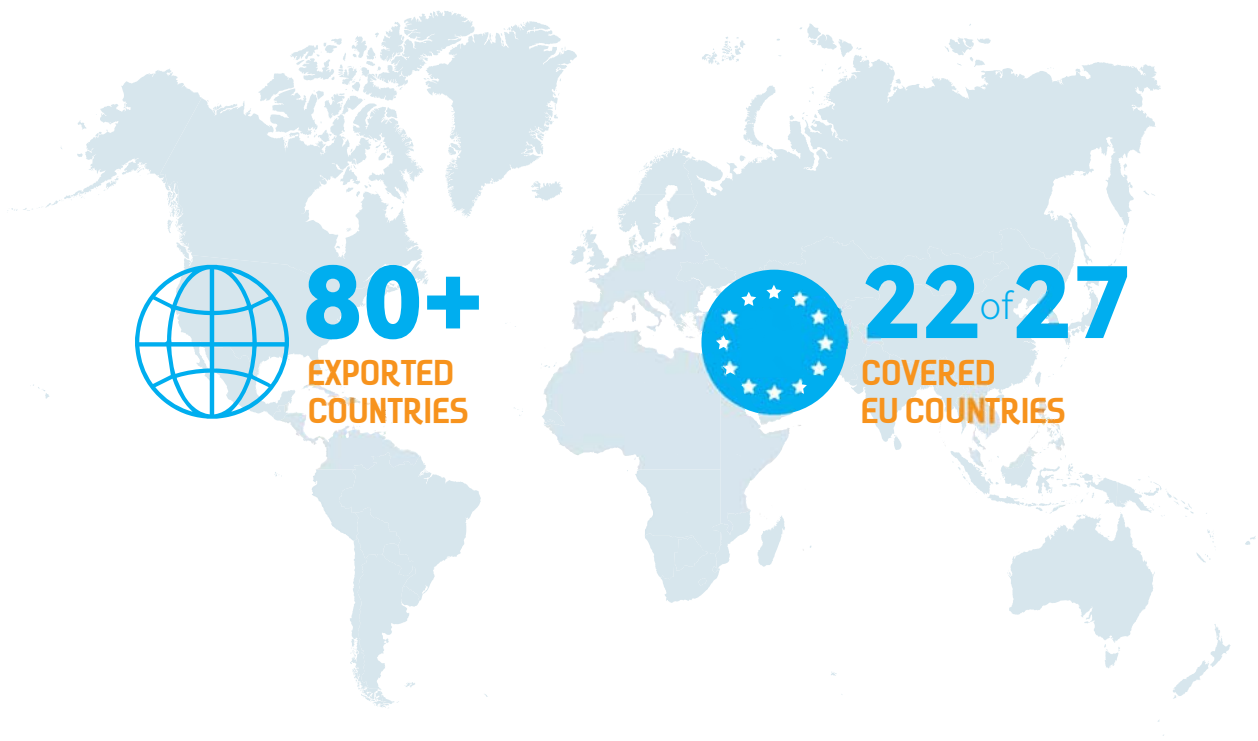
- ☆ Clinical trials demonstrated that WST01 is well-tolerated in overweight or obese type 2 diabetes patients.
- ☆ In those with low baseline AKK abundance, WST01 significantly colonized the gut and effectively:
 - Reduced body weight, BMI, fat mass
 - Lowered HbA1c, LDL, and diastolic blood pressure
 - Increased fat oxidation



Granted invention patents in
13 countries worldwide



Achieved U.S.
Self-GRAS certification



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