



METAPRO

Enhanced with GLP-1 Activating
Metabiotics and
Comprehensive Nutrition

Daily Health Innovation



Point 01

What is unique technology contained in METAPRO?

Title of the Invention (KR 10-2726225)

COMPOSITION for increasing fat oxidation and inhibiting fat synthesis, comprising metabiotics as active ingredient

Title of the Invention (KR 10-2802968)

COMPOSITION comprising Lactiplantibacillus plantarum OPT-A1 strain for regulating liver fat metabolism

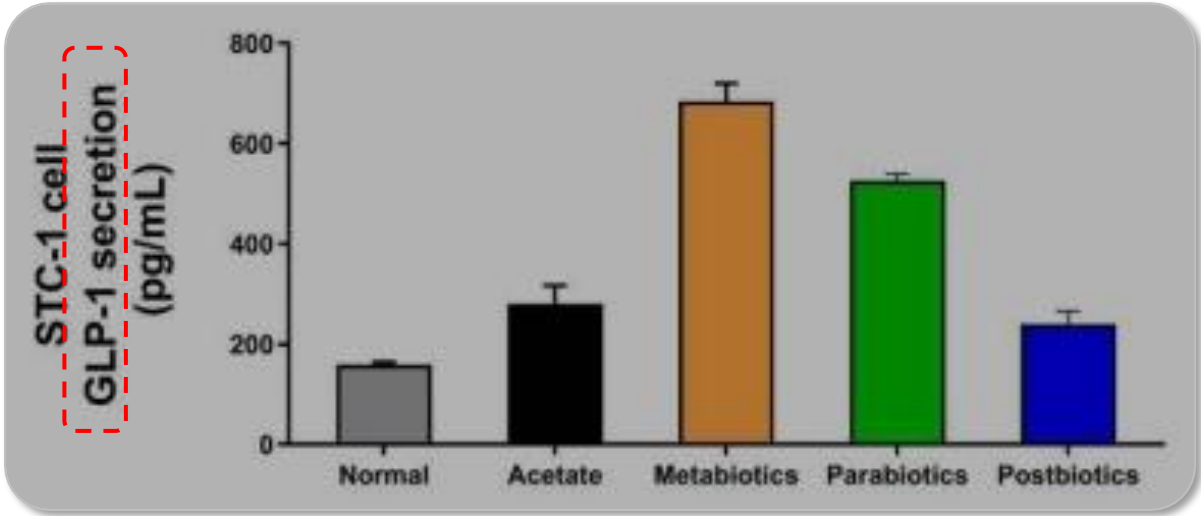
Promotion of **GLP-1** Secretion

The product contains patented metabiotics (OPT-A1), which promote GLP-1 secretion. In vitro studies confirmed a 331% increase in GLP-1 levels in intestinal cells compared to the control.



Patent Number: KR1028029680000 (2025. 04. 28)

Composition comprising Lactiplanbacillus plantarum OPT-A1 strain for regulating liver fat metabolism.



락티플란티바실러스 플란타럼 OPT-A1 균주를 포함하는 간 지방 대사 조절용 조성물
Composition comprising Lactiplanbacillus plantarum OPT-A1 strain for regulating liver fat metabolism

상세정보 공고전문 등록사항 통합행정정보 미생물 기탁 · 분양정보

DOI 복사 QR코드

· 서지정보

IPC

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A61P 1/16(2006.01.01)
A23L 33/135(2016.01.01)

CPC

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출원번호(일자)

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등록번호(일자)

1028029680000 (2025.04.28)

> 도면 닫기 도면 전체보기 ▼

대표도면

STC-1 cell GLP-1 secretion (pg/mL)

Condition	STC-1 cell GLP-1 secretion (pg/mL)
Normal	~150
Acetate	~280
Metabiotics	~680
Parabiotics	~520
Postbiotics	~240



Check point 01

GLP-1 secretion



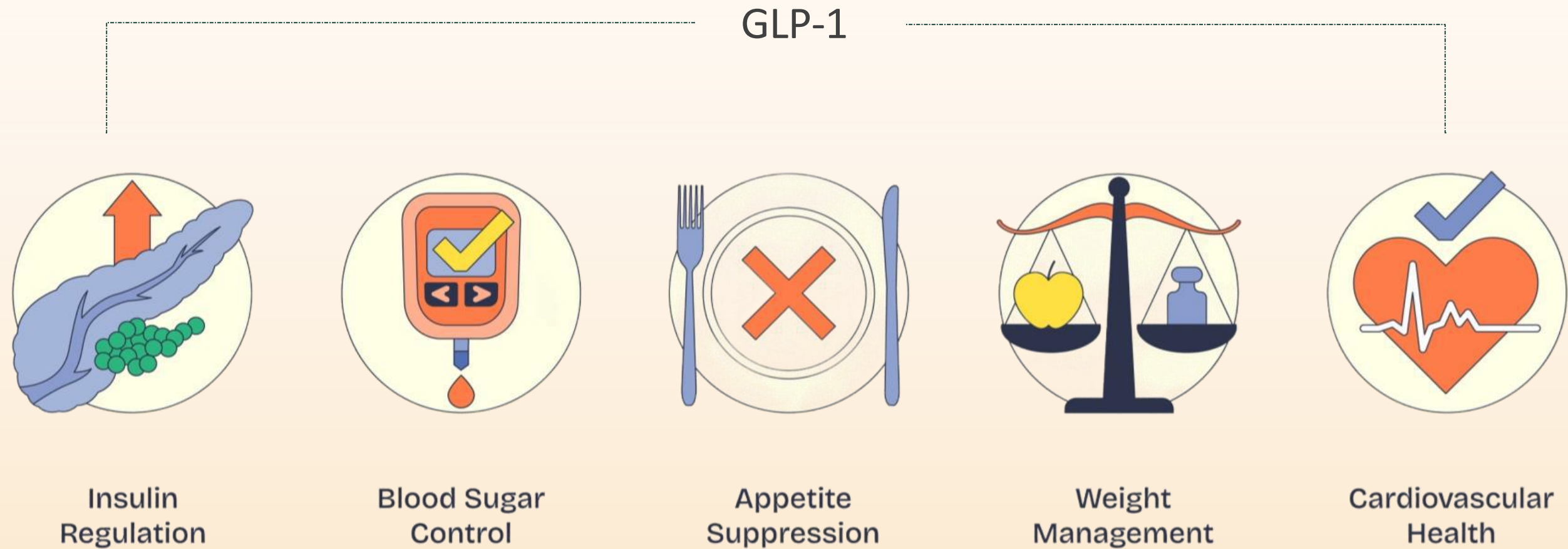
Check point 01

Effective on Liver Fat Metabolism



Check point 03

Gut Microbiomes



GLP-1 agonists are **FDA-approved** for the treatment of obesity and diabetes. GLP-1 is a multifunctional hormone that contributes to weight regulation, glycemic control, and cardiovascular protection. It is emerging as an effective and safe therapeutic strategy for obesity and metabolic disorders. GLP-1-based treatments are expected to become a key approach in the management of obesity and metabolic syndrome.



GLP-1 Promoting Metabiotics + Multivitamins + High-Concentration Probiotics

A comprehensive solution for metabolic health, weight management, immune support, and gut health!

- GLP-1 Promoting Metabiotics: A next-generation metabolic balance solution that helps with appetite suppression and blood sugar regulation.
- High-Concentration Probiotics: Supports the growth of beneficial gut bacteria and strengthen the immune system.
- Multivitamins: Enhances vitality and supports nutritional balance.

Convenience of Consumption! Anytime, Anywhere, Without Water!

Stick-type Powder Form.

- GLP-1 Promoting Metabiotics: A next-generation metabolic balance solution that helps with appetite suppression and blood sugar regulation.
- High-Concentration Probiotics: Supports the growth of beneficial gut bacteria and strengthens the immune system
- Multivitamins: Enhances vitality and supports nutritional balance.

Differentiated Technology

OPTBIO Patented Research and Development Product

- Patented functional ingredients based on domestic and international patents
- Scientifically-backed efficacy design
- Concentrated R&D expertise leading the premium health supplement market



Weight Management

Promotes GLP-1 secretion in the gut, aiding appetite control and blood sugar regulation. Effective weight management through healthy metabolic balance



Multivitamins

Multivitamins Meeting Daily Recommended Intake (80-180%) Supports essential functions like energy production, immune function, and antioxidant activity. Balanced blend of vitamins A, B, C, D, and E.



Gut Health

10 Billion CFU High-Concentration Probiotics contribute to gut health and immune support. Acid-resistant metabiotics are effective from mouth and nose, maintain effects in stomach acid.



All-in-One Care

Integrates Key Functions (Metabolic Control + Gut Care + Nutritional Support) into One eliminates the hassle of taking multiple pills or products daily. Convenient stick-type powder for easy consumption without water. Stay healthy anytime, anywhere—on the way to work, before exercise, or while out.





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