

resM™ GLP-1 Postbiotic

Targeted microbiome support for metabolic health*



Product Overview

resM™ GLP-1 Postbiotic is a precision formulated, clinically validated supplement designed to enhance endogenous production of GLP-1 (glucagon-like peptide-1), a key gut-derived incretin hormone involved in metabolic health.* GLP-1 plays a critical role in supporting glucose homeostasis, promoting satiety, and delaying gastric emptying. By targeting the Gut-Metabolic Axis, resM™ GLP-1 Postbiotic offers an innovative approach to metabolic health through microbiome modulation. This targeted formula features a novel postbiotic combined with a proprietary blend of evidence-based vitamins, minerals, and botanicals, including Vitamin D3, Vitamin B12, Chromium, Fenugreek, and White Mulberry.¹



Clinical Applications

Grounded in scientific rigor, resM™ GLP-1 Postbiotic is designed to:



Quiet food noise & reduce cravings*



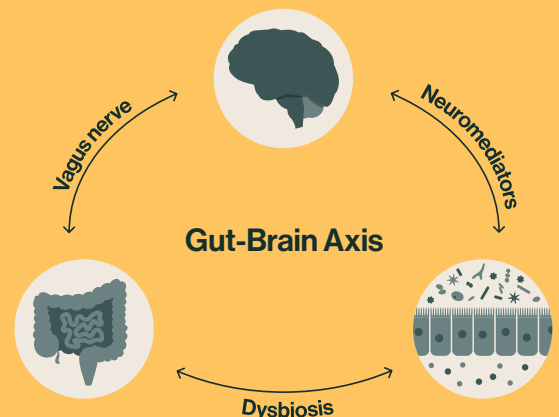
Support healthy blood sugar already in normal range*



Support natural GLP-1 production^{1*}

Mechanism of Action: Gut-Metabolic Axis Modulation

Current research highlights the intricate and complex relationship between the gut microbiome and metabolic health, often referred to as the Gut-Metabolic Axis. This bidirectional communication network links gut microbiota with key metabolic pathways that influence blood sugar regulation and appetite control. Central to this axis is glucagon-like peptide 1 (GLP-1), an incretin hormone secreted by intestinal L-cells in response to food intake. It plays a crucial role in supporting blood sugar balance by stimulating insulin release, promoting pancreatic beta-cell growth, suppressing glucagon production, slowing gastric emptying, and promoting satiety. **Disruptions in the gut microbiome can impair GLP-1 activity**, potentially contributing to insulin resistance, changes to appetite, and other markers of metabolic dysfunction.



resM™ GLP-1 Postbiotic is a precision-formulated supplement that supports metabolic health through the Gut-Metabolic Axis.^{1*} It features a targeted postbiotic strain *Lactiplantibacillus plantarum* RSB11® HI, combined with synergistic vitamins, minerals, and nootropics to promote endogenous GLP-1 production and metabolic function.^{1*} **Here's how it works:**

- 1 Alterations in the gut microbiome, driven by factors such as age, diet, and lifestyle, can influence the production of neuroendocrine hormones, including GLP-1. Secreted by intestinal L-cells, GLP-1 plays a key role in satiety, blood sugar balance, and digestive function.
- 2 Microbial imbalance (dysbiosis) can increase intestinal permeability, allowing bacterial endotoxins like lipopolysaccharides (LPS) to enter circulation and trigger pro-inflammatory cytokines, contributing to metabolic dysfunction.
- 3 Dysbiosis and immune dysregulation can impact GLP-1 secretion, affecting glycemic control and appetite. During nutrient intake, the Gut-Brain Axis initiates a metabolic response. Beneficial microbes ferment dietary fibers into short-chain fatty acids (ex. butyrate) and produce signaling molecules that support endogenous GLP-1 production, promoting glucose homeostasis, delayed gastric emptying, and satiety.
- 4 resM™ GLP-1 Postbiotic is clinically shown to support natural GLP-1 production and modulate inflammatory responses by reducing MMP-9 levels (matrix metalloproteinase 9), an enzyme associated with tissue breakdown within the gut and other areas of the body.^{1*} In human gut cell models, the synergistic effect of vitamins and botanicals blended together with postbiotic *L. plantarum* RSB11® HI increased GLP-1 hormone production by 300% and enhanced cellular glucose uptake by 150%, supporting its role in promoting metabolic health.^{1*}

300%

increase in GLP-1 hormone production^{1*}

150%

increase in cellular glucose consumption^{1*}

Backed by Science



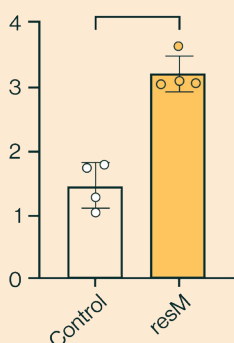
resM™ GLP-1 Postbiotic is supported by preclinical research demonstrating its role in modulating metabolic pathways via the Gut-Metabolic Axis.^{1*}

In human gut cell models, resM™ increased GLP-1 hormone production by 300%, suggesting its potential role in enhancing satiety and promoting healthy blood sugar balance already in normal range.^{1*}

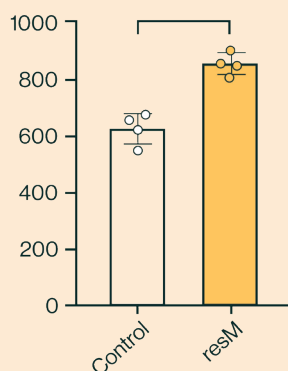
resM™ improved cellular glucose consumption by 150%, enhancing the ability of cells to absorb and metabolize glucose efficiently.*

resM™ reduces levels of Matrix Metalloproteinase-9 (MMP-9), an enzyme associated with tissue degradation, supporting its role in immune and gut modulation.*

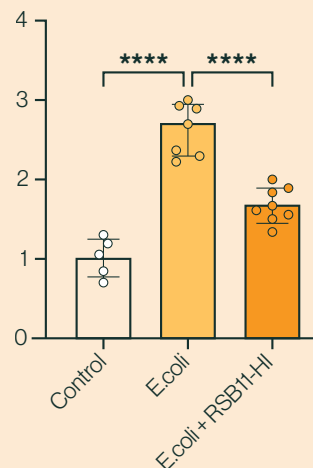
resM increases GPL-1 production by 300%^{1*}



resM supports insulin resistance by increasing glucose consumption by 150%.^{1*}



MMP9 mRNA Gut



Supplement Facts

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Serving Size: 1 Capsule
Servings Per Container: 30

	Amount Per Serving	%D
Vitamin D (as Cholecalciferol)	10 mcg	50%
Vitamin B ₁₂ (as Methylcobalamin)	200 mcg	8,333%
Chromium (as Chromium Picolinate)	600 mcg	1,714%
resM Postbiotic™ <i>L. plantarum</i> RSB11® HI (16B cells)™	40 mg	*
resM Herbal Extract Blend		
White Mulberry (<i>Morus alba</i>) (leaf) (5:1 extract)	250 mg	*
Fenugreek (<i>Trigonella foenum-graecum</i>) (seed) (4:1 extract)	200 mg	*

**Daily Value (DV) not established

Suggested dose:
1 capsule daily with food

Postbiotic: 16B CFU/Serving
L. plantarum RSB11® HI

Proprietary Botanical Blend:



White Mulberry (*Morus alba*)
(leaf) (5:1 extract) - 250 mg

Traditionally used to support healthy carbohydrate metabolism. Contains natural antioxidants that may help protect against oxidative stress and support metabolic health.^{1*}



Fenugreek (*Trigonella foenum-graecum*) (seed)
(4:1 extract) - 200 mg

Supports digestive comfort and gut function and plays a role in promoting healthy blood sugar balance already in normal range.^{1*}

Proprietary Vitamin Blend:

Vitamin D (as Cholecalciferol) - 10 mcg

Supports immune system function and contributes to cognitive and emotional well-being.*

Vitamin B12 (as Methylcobalamin) - 200 mcg

Essential for nervous system health and cellular energy metabolism. Methylated form supports optimal absorption and bioavailability.*

Chromium (as Chromium Picolinate) - 600 mcg

Supports healthy glucose metabolism by enhancing insulin sensitivity. May also help reduce food cravings and support appetite regulation.^{1*}



*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. ¹GLP-1 boost seen in human cellular studies. resM GLP-1 Postbiotic is a supplement and does not contain synthetic GLP-1 and is not a GLP-1 agonist drug.

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Contact us at provider@resbiotic.com

Scan the QR code

