

Totipro®

Postbiotics PE0301

Next Generation of Upper GI tract



Postbiotic Blend:

Lactobacillus salivarius AP-32

Lactobacillus plantarum LPL28

Lactobacillus paracasei ET-66



MARKET INSIGHT

- Nearly half of the world's population, consisting of 45% or 3.5 billion people, are affected by oral diseases. [WHO, 2022]
- Gastrointestinal (GI) diseases are more prevalent among individuals aged 65 and above. [Igor et al., 2019]

Dual-Action Digestive & Oral Support

- ◆ In a randomized study, PE0301 postbiotic lozenges strengthened the mouth's first line of defense by increasing salivary IgA, encouraged higher counts of beneficial Lactobacillus and Bifidobacterium while helping keep plaque in check, and left users reporting fresher breath and a calmer stomach versus placebo
- ◆ Laboratory data show the same postbiotic mix helps keep common oral troublemakers (*S. mutans*, *P. gingivalis* and other acid-producing species) under control, supporting a comfortable upper-GI environment and less day-to-day reflux irritation.
- ◆ SCI publication:

Lin, C. W., Y. T. Chen, H. H. Ho, Y. W. Kuo, W. Y. Lin, J. F. Chen, J. H. Lin, C. R. Liu, C. H. Lin, Y. T. Yeh, C. W. Chen, Y. F. Huang, C. H. Hsu, P. S. Hsieh and S. F. Yang (2022). "Impact of the food grade heat-killed probiotic and postbiotic oral lozenges in oral hygiene." Aging (Albany NY) 14(5): 2221-2238.

Product Information

- ◆ Specification: Lactic acid > 5 g/100g, Cell Counts $\geq 1.0 \times 10^7$ cells/g (Inanimate)
- ◆ Daily dosage : 150mg
- ◆ Shelf life : 3 years
- ◆ Storage : Store at room temperature, away from sunlight and moisture.

Dosage form



CAPSULES



STICKS/SACHETS



F & B



TABLETS/LOZENGES



GUMMIES



ORAL CARE PRODUCTS



Patented
P-Coretex
Technology
Essence

1

Balances
the Oral
Microbiome

2

Supports Gastric
Health

3



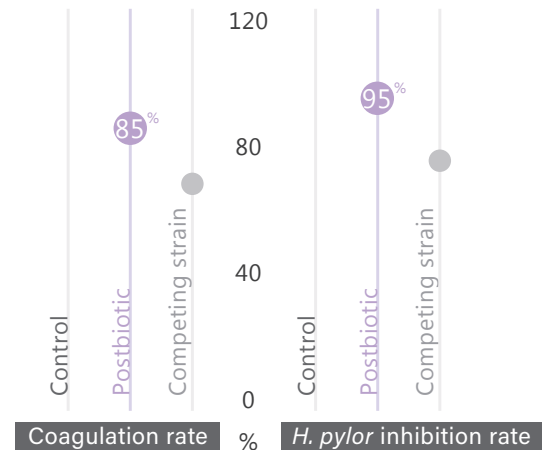
Clinical Study

The PE0301 heat-stable postbiotic lozenge significantly curbed growth of cavity-causing oral bacteria and lifted protective salivary IgA—the mouth's first-line immune shield.

A

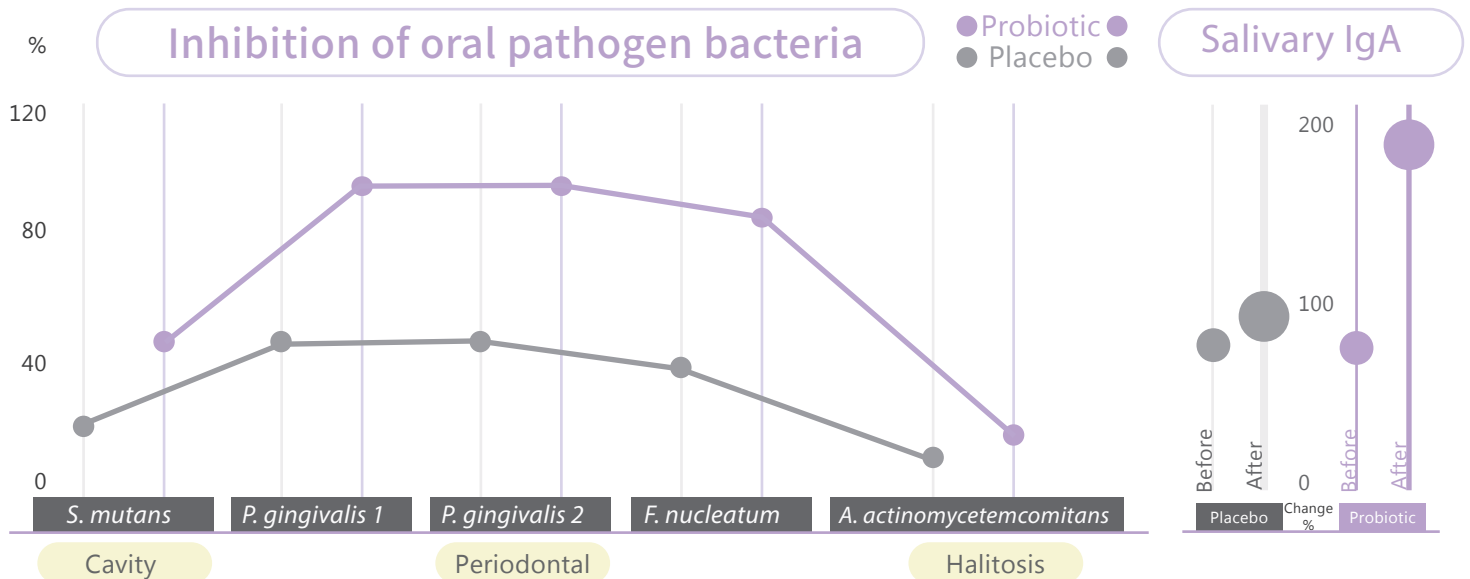
PE0301:

Helps Maintain Gastric Balance
through Natural *H. pylori* Co-Aggregation



B

PE0301: Clinically researched support for oral health & mouth immunity



PE0301 Source Strains.

- LPL28 *L. plantarum*
- AP-32 *L. salivarius*
- ET-66 *L. paracasei*

Recommended For

- ✓ Bad Oral Hygiene
- ✓ Imbalanced Microbiota
- ✓ Stomach Discomfort

glac
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Expert In Probiotics and Postbiotics
Integrated Solution

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