

bereum Postbiotics

No. 1 high-concentration postbiotics in the world

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Postbiotics

By definition from ISAPP (International Scientific Association for Probiotics and Prebiotics),

“A Postbiotic is a preparation of inanimate micro-organisms and/or their components that confers a health **benefit on the host**”

Generations of Micro-biotics



PROBIOTICS

“Beneficial Bacteria to our Gut Health”

People start to get interest in 'Beneficial microorganisms' existing in the gut



PREBIOTICS

“Feed of Probiotics”

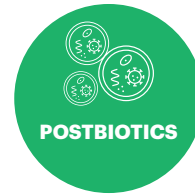
Realize that feeding the probiotics makes them work better



SYNBIOTICS

“Combination of Probiotics and Prebiotics”

Synergy of taking both Probiotics and Prebiotics



POSTBIOTICS

Next Generation Microbiotics

Found the safer and more powerful way of improving our overall health

Advantages of Postbiotics

Safety

No risk of causing infection

No transferring antibiotics resistance gene

Elderly, Pregnant and Breast feeding women, and Children can take

Efficacy

Regulates Gut Health

Regulates Immune System

Processibility

Resistant to Heat/Acid

Easy to Transport/Store

Extended Shelf life

Why bereum postbiotics?



- No.1 high-concentrated postbiotics in the world; at most 7.5 trillion cells per a gram
- Proven with numerous SCI grade papers
- No.1 preferred postbiotics in Korea
- Strong heat & acid resistance / FSSC22000, HALAL, HACCP, FDA registration, Vegan certified

Our postbiotics cultivation process



Flask cultivation



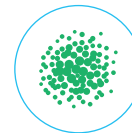
100L tank cultivation



Main tank cultivation



Heat-killed process



Powderization(Spray Dryer)

Various applications



beverage



diary product



bakery



powder



confectionery dessert



tablet



hard capsule softgel



gummy

Trusted!



Trusted by over 150 companies over 200 brands (Foods & Supplements) in Korea uses bereum postbiotics

Human microbiome Postbiotics

Origin

Our human microbiome postbiotics EF-2001 (*Enterococcus faecalis*) is isolated from healthy gut of a neonate

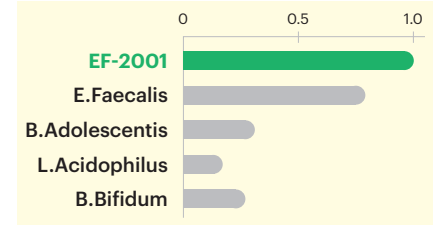


Key features

- 7.5 trillion cells in a gram (high-concentration)
- Heat/Acid resistance
- Modulate gut health
- Modulate immunity
- Odorless, tasteless
- Fine powder form; easy to apply
- FSSC22000, HACCP, HALAL, FDA registration

EF-2001 vs other postbiotics

Comparison of the effectiveness on modulating immune system : EF-2001 vs Other postbiotics strains (Inactivated bacteria)



Our Products



Postbiotics Profit (ODF)



TERA BIOTICS 1 (Powder)



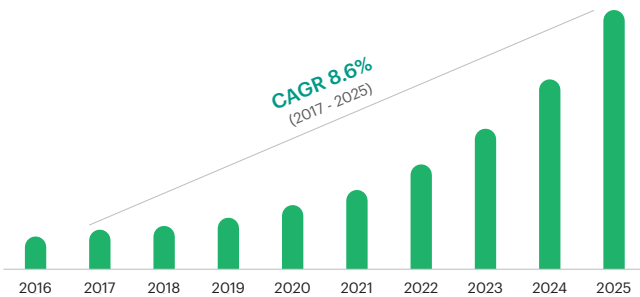
Microbiome mask sheet



Pet-I 3000 (pet supplement)

Vegan Postbiotics

Vegan market forecast



The global vegan food market size was valued at USD 23.31 billion in 2020. The market is expected to grow from USD 26.16 billion in 2021 to USD 61.35 billion by 2028, exhibiting a CAGR of 12.95% during the forecast period.



Origin

Our vegan microbiome postbiotics (*L. plantarum*, *L. casei*, *L. acidophilus*) are isolated from Kimchi and grape wine
* traditional fermented food, recognized as healthy vegan food.



Key features

- Vegan certified
- Up to 3 trillion cells in a gram (high-concentration)
- Heat/Acid resistance
- Modulate gut health
- Modulate immunity
- Odorless, tasteless
- Fine powder form; easy to apply
- FSSC22000, HACCP, HALAL, FDA registration