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Introduction to Probiotics

The normal, healthy human intestinal tract contains billions of bacteria that are considered “good”. This term “probiotic” is defined by a United Nations and World Health Organization Expert Panel as “live micro-organisms which when administered in adequate amounts confer a health benefit on the host” (FAO/WHO, 2002).

These bacteria live in a delicate balance with each other and work synergistically with us. We provide them with a home, and they break down our food into easily absorbed nutrients.

However, factors such as stress, disease, antibiotics or medicines, improper or insufficient rest, or environmental conditions can jeopardize this fine balance. It can even lead to an increased colonization of harmful bacteria in the intestine.

Do we need probiotics and why?

Yes, very few people can truly say that their diet and lifestyle is perfect. This is just a fact of living in the world today. We can, however, still strive to get the most of life by having a healthy diet, exercising regularly and by considering the many benefits of probiotics.

The number of ‘good’ bugs in your digestive system can be imbalanced by a wide range of factors including:

- Excess alcohol intake
- Consuming too much dietary fat
- Eating a low fibre diet
- Excess stress
- Exposure to toxic substances
- Eating too many processed and unhealthy foods
- Gastro infections
- Antibiotic use

Are all probiotics the same?

Taking a probiotic supplement every single day will promote good health and assist in the prevention of disease, however not all probiotic supplements are created equal. However, different probiotics have different effects within the body – there are many probiotic products on the market but they are not all the same.

Why strain matters?

It is important to check the strain of the probiotic you are taking. Probiotics differ according to genus, species and strain. While all probiotics are considered safe and friendly in a broad sense and not all probiotics possess enough health benefits to be considered therapeutic. This is why it is important to use the right strain for the job you have in mind.

At Genesis Nutraceuticals we carefully select the strains of good bacteria used in our products based on scientific research, so you can be sure they have a therapeutic effect.

If you are supplementing with the correct strain of probiotic, the next question is: “Does the probiotic survive the passage through your stomach to the intestines where it is required?”

Probiotic organisms used in food must be able of surviving passage through the gut; i.e., they must have the ability to resist gastric juices and exposure to bile.

Food and Agriculture Organization (FAO) & WHO guidelines (FAO/WHO, 2002)

The ability to survive digestion is an important feature of a good probiotic product.

2Lactopro 25BCFU contains combination of gastric acid and bile resistant Dual Coated Lactic Acid Bacteria: *L. acidophilus*, *L. plantarum*, *L. rhamnosus*, *B. Breve*, *B. lactis*, *B. longum* and *S. thermophilus*.

2LACTOPRO

Synbiotic Multiblends 25B CFU

NUTRITIONAL FACTS /

Serving size: 1 sachet (2g) / Saiz hidangan: 1 (2 g)
Serving per box: 15 / Hidangan setiap kotak: 15

	Per 100g Setiap 100g	Per Serving 2g Setiap hidangan 2 g
Energy / Tenaga	375kcal	7.50kcal
Carbohydrate / Karbohidrat	65g	1.30g
Protein / Protein	30g	0.60g
Fat / Lemak	0g	0g

OWNER OF THE RIGHTS OF MANUFACTURE /
EMPUNYA HAK UNTUK MENGILANG

INGREDIENTS: Mango Juice Powder, Beneo™ Inulin, 25 Billion CFU LAB2PRO Probiotics.

By Cell Biotech Co. Ltd.
Korea

CONTENTS: 2g

DIRECTIONS FOR USE: Dissolve 1 sachet of powder directly in mouth or mix with room temperature water. Avoid mixing with hot water.

STORGE CONDITION: Keep in a cool dry place. Avoid from direct sunlight. Color, texture, smell and taste may vary from batch to batch due to the properties of all natural ingredients used.

RAMUAN: Serbuk Jus Mangga, Inulin Beneo , 25 Billion CFU Probiotik LAB2PRO

ISI KANDUNGAN: 2g

ARAHAN PENGGUNAAN: Larutkan 1 paket serbuk secara terus dalam mulut atau campurkan dengan air suhu bilik. Elakkan daripada bercampur dengan air panas.

KAEDAH PENYIMPANAN: Simpan di tempat dingin dan kering. Elakkan dari terdedah kepada pancaran matahari. Warna, tekstur, bau dan rasa mungkin berubah mengikut kelompok pengeluaran disebabkan oleh sifat semulajadi ramuan yang digunakan.



2g x 15 sachets
RECOMMENDED PRICE / HARGA YANG DISYORKAN
RM118.00



210mm

genesis
Nutraceuticals

Pelbagai Campuran Simbiotik 25B CFU

2LACTOPRO

Synbiotic Multiblends 25B CFU



Probiotics originated from Korea
Probiotik berasal dari Korea

Mango Flavour Perisa Mangga

INSIDE FOLD

BACK COVER

FRONT COVER

210mm



Effect of LAB

Continuous consumption of LAB is highly recommendable to ensure they can keep exerting health benefits in the intestine where they reach alive and colonize after ingestion.



Most of non-coated LAB are vulnerable to gastric acid and become extinct quickly.



Dual coating LAB2PRO™ protects LAB from attack of stomach acid much more than nude bacteria.

What is 2Lactopro ?

2Lactopro is a proprietary blend of probiotics stable at room temperature and gastric acid, containing 25 Billion CFU of LAB2PRO™ Dual Coated probiotics.

This unique combination ensures sufficient amount of friendly bacteria reaches our gut safely to help support your general wellbeing, digestive health and immunity.

Why choose 2Lactopro ?

2Lactopro produced by a unique combination of LAB2PRO™ 4th Generation Dual Coated Probiotics by Cell Biotech, Korea.

With 25 Billion CFU Probiotics in every sachet, you would need 22 ¼ tubs of yoghurt to get the same amount of good bacteria as in just one sachet of 2Lactopro.

What is Dual Coated Lactic Acid Bacteria, L.A.B.?

Lactic acid bacteria is a group of bacteria, mainly from genus *Lactobacillus* and *Streptococcus* that produce lactic acid during fermentation of carbohydrate found in intestine. In order to protect these bacteria, a Dual-Coated Technology is created:

Fermentation → Protein coated → Dual coated → Freeze Drying

LAB2PRO™ is made of these strains for better performance:

- *L. acidophilus* CBT LA1
- *B. lactis* CBT BL3
- *L. plantarum* CBT LP3
- *B. longum* CBT BG7
- *L. rhamnosus* CBT LR5
- *S. thermophilus* CBT ST3
- *B. breve* CBT BR3

Advantages of Dual Coated L.A.B

- More stability & heat-resistance
- Extension of stability during storage and distribution
- Increase of resistance to gastric acids and bile acids
- Increase of intestinal adherence to mucous-membrane



2LACTOPRO

Synbiotic Multiblends 25B CFU

4th
Generation



1st Coating Layer

2nd Coating Layer

DUAL COATING TECHNOLOGY

pH Dependent Mechanism in Human GI Tract

Why Cell Biotech ?

Our Research & Development department sets us apart from the competition in all areas from strain selection to finished products, and we have the broadest product portfolio in the industry. Thanks to patented coating and biotechnology, we have established unrivalled processes and product formulations. We have experienced over 2 decades in bio-pharma business and are ready to support outstanding service to partners.

1. Unique Dual Coating Technology
2. Finished Production
3. Research & Development
4. Quality Management
5. Human Microbe Technology

Global Patented Technology

The unique & patented coating technology is optimized for protecting the probiotics against harsh external and internal environmental conditions.

Safe & Reliable Strength

LAB2PRO™ strains are identified through the newest, proven, cutting-edge technology in Probiotics oriented laboratory.

Clinically Approved Formulation

Six ready-to-go probiotic formula proved to have efficacies for both daily and treatment use.

What are the benefits of LAB2PRO™ 25B CFU:

- Establishing itself significantly (resistant to acid environment) as a natural part of our intestinal flora
- Aids in the maintenance of a normal healthy gastrointestinal system and digestive function.
- May assist in maintaining the balance of good bacteria especially if you have been taking a course of antibiotics
- Supports the immune system during infections
- Helps enhance bone strength.
- Alleviates constipation.
- Develops immunopotentialation.
- Providing bio-catalytic B vitamins, producing lipases for fat digestion and production and/or augmentation of immune bodies critical for a strong immune system
- Controlling severe diarrhea
- Reducing the occurrence of urinary and vaginal infections
- ‘Crowding out’ unfriendly bacteria (not allowing these bacteria room enough to colonize) by producing several compounds which kill the “bad” bacteria.

INSIDE LEFT

INSIDE CENTER

INSIDE RIGHT