

PROCOMBO®
SYNBIOTIC FOR INTESTINAL MICROFLORA BALANCE
food supplement
10 capsules • 708 mg

ProCombo®
SYNBIOTIC

200 bln CFU/g *Lactobacillus acidophilus*

INDICATIONS: ProCombo® ensures effective maintenance of the balance of the normal intestinal microflora. It provides a sufficient amount of "good" bacteria (*Lactobacillus acidophilus* La-14®, 200 bln CFU/g) as well as fructo-oligosaccharides needed for their growth and development in the human gastrointestinal tract. It is highly effective and supports the maintenance of the functions of the gastrointestinal tract and the proportion of the beneficial microorganisms in it.

Highly recommended in case of: stool disorders; indigestion; intake of antibiotics; dysbacteriosis (dysbiosis).

ACTION: ProCombo® is a synbiotic – a synergic combination of probiotic cultures *Lactobacillus acidophilus* and prebiotic short-chain fructo-oligosaccharides. *L. acidophilus* is one of the best-studied probiotic strains with proven health potential.

Probiotic bacteria perform important functions in the human body:

Improve digestion and nutrient absorption; affect peristalsis; participate in the synthesis of vitamins A, B1, B3, B5, B7, B9, B12 and K and essential fatty acids; increase the bioavailability of the minerals copper, calcium, magnesium, iron, manganese, potassium and zinc in the body; keep the population of pathogenic (harmful) bacteria under control; maintain normal pH in the intestine, which ensures the proper function of digestive enzymes; stimulate immune cells and modulate the immune response; contribute to cholesterol metabolism; participate in the control of allergic symptoms in reaction to pollen, atopic dermatitis, lactose intolerance and more.

The normal microflora is a stable ecosystem. Several factors contribute to disturbing the balance in this ecosystem. These are:

• Intake of antibiotics and other medications

The use of antibiotics has a negative effect on the intestinal microflora. Adverse effects can be both short-term and long-term. The most common complication is antibiotic-associated diarrhoea (AAD), which affects more than 30% of people treated with antibiotics.

• Unhealthy lifestyle

It causes deviations in the normal acid-base balance (pH)

in the intestine, which gradually destroys the population of beneficial microorganisms in it. Under the influence of substances such as preservatives and flavourings, some types of pathogens become more aggressive. Sugar provides a breeding ground for disease units.

• Intestinal diseases (Crohn's disease, colitis, diverticulosis, Irritable Bowel Syndrome (IBS), etc.)

If the balance of the microbial ecosystem in the intestine is disturbed as a result of various conditions, overgrowth of pathogenic microorganisms often occurs. This aggravates the problem even more and exacerbates the symptoms.

Regardless of the causes, disturbances in the physiological balance of the intestine, are characterized by digestive disorders, such as: constipation; diarrhoea; intestinal gas; stomach gurgling; swelling; heaviness in the abdomen. In all these cases, the intake of beneficial bacteria - probiotics - is recommended.

The special probiotic strain of *Lactobacillus acidophilus* in ProCombo® - a patented brand named La-14® - is registered in the American Type Culture Collection (ATCC) with identification code SD5212. It is included in the "Microorganisms with a documented history of use in foods intended for human consumption" list. The European Food Safety Authority (EFSA) has included it in the "Qualified Presumption of Safety" list.

Laboratory tests confirm that La-14® in ProCombo® meets all the criteria for an effective probiotic set by the World Health Organization (WHO): resistant to the acidic environment in the stomach; resistant to bile salts; attaches to intestinal epithelial cells; creates colonies; inhibits the development of pathogenic bacteria; resistant to antibiotics.

It has also been confirmed to have an immunomodulatory effect, which is crucial, as 70-80% of the immune response in the human body is formed in the intestine.

Short-chain fructo-oligosaccharides (FOS), a patented substance of NutraFlora®, are the prebiotic in ProCombo®. They are low-calorie, indigestible carbohydrates. They have the unique ability to selectively promote the growth and activity only of the beneficial intestinal microflora, in particular only of microorganisms of the genera *Lactobacillus* and *Bifidobacterium*. As FOS are not digested or absorbed, they reach the colon intact. There, they immediately become the food that is so necessary for the survival and viability of the probiotic bacteria *L. acidophilus* in ProCombo®.

DUOCAP™ ENCAPSULATION TECHNOLOGY

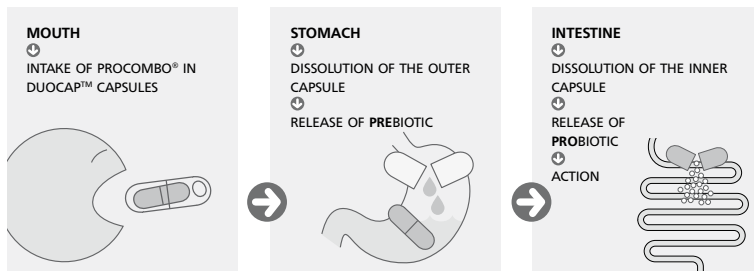
ProCombo® is manufactured in France as per DUOCAP™ (capsule-in-capsule) patented technology for combination and dual release of ingredients. The technology allows

liquids to be inserted in hard gelatin capsules without any thermal treatment of the active substance. That keeps the life of the probiotic cultures and guarantees that they reach the host (intestinal mucosa) successfully.

DUOCAP™ DUAL RELEASE OF INGREDIENTS

DUOCAP®

ProCombo® in DUOCAP™ capsules has a proven stable quantity of viable probiotic bacteria from the moment of sealing the capsule until the intake*. With DUOCAP™, the active ingredients are protected against the acidic environment in the stomach.



*Gerova, Vanya, Ekaterina Radoilska. New studies on probiotic properties of microorganisms in the composition of the synbiotic ProCombo®
// GP News, 2016; 3 (190), 24–25.

The special Green capsule

ProCombo® is in a special Green capsule containing the extraordinary substance chlorophyllin. It is a derivative of chlorophyll and is derived from the alfalfa plant. Chlorophyllin is a natural dye, but it is better known for its positive effects on health. It is believed that the intake of chlorophyllin controls the emission of body odours and promotes intestinal health. Intake of chlorophyllin is a key point in modern guidelines for healthy living.

RECOMMENDED DAILY DOSE: 1 capsule daily, 1–2 hours after a meal with at least one glass of water. During antibiotic treatment, take at least 2 hours before or after the antibiotic intake.

CONTENT: glycerol (humectant); capsule shell – hydroxypropyl methyl cellulose (glazing agent); microcrystalline cellulose (bulking agent); Lactobacillus acidophilus (La-14®, 200 bln CFU/g); Fructo-oligosaccharides (FOS, NutraFlora®); silicium dioxide (anti-caking agent); copper complex of chlorophyllins (colour).

Ingredients of the recommended daily dose

	1 capsule
Lactobacillus acidophilus (La-14®, 200 bln CFU/g)	75 mg
Fructo-oligosaccharides (FOS, NutraFlora®)	65 mg

CONTRAINDICATIONS: There are no known contraindications.

STORAGE CONDITIONS: Keep at room temperature (10° – 30°C), do not expose to direct light. Keep out of the reach of children.

WARNINGS: Do not exceed the recommended daily dose. Do not use the product as substitute to the balanced diet.

CFU (Colony-forming unit) – a unit for viable probiotic cultures which are able to form colonies.

DUOCAP™ gelatin capsules are:



PRODUCED BY:
CAPSUGEL FRANCE SAS
Capsugel Colmar, 10 Rue Timken, F-68027 Colmar,
Cedex, France, for VITASLIM INNOVE Ltd.;
128 City Road, London, ECTV 2NX
contact@vitasliminnove.com

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