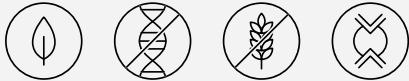


Dietary supplement

ProSugar® NEW

DuoLife **MEDICAL FORMULA PROSUGAR® NEW** is a dietary supplement supporting metabolic management and body cleansing processes. The composition of natural ingredients, including the proprietary fenugreek seed formula, is encapsulated in innovative delayed release capsules that improve the absorption of active compounds.



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DuoLife MEDICAL FORMULA PROSUGAR® NEW contains plant extracts that support carbohydrate metabolism in the body, help maintain proper body weight and blood glucose and cholesterol levels, as well as support the processes of cleaning the body of toxins.

When?

For many years now, an increase in the incidence of diabetes has been observed and the disease is becoming a global epidemic. In 2017, a total of 425 million people worldwide suffered from it; 90% of cases were type II diabetes¹. This type of diabetes most often affects people with obesity and low physical activity, so it is important to have a balanced diet, a healthy lifestyle, and to ensure proper weight and exercise. In maintaining the correct level of sugar in the blood and correct body weight, a rational supplementation based on ingredients supporting the metabolism of the body can be of help. DuoLife MEDICAL FORMULA PROSUGAR® NEW will prove to be a supportive supplement for people:

- ▶ wishing to maintain normal glucose blood levels;
- ▶ wishing to maintain correct body weight;
- ▶ overweight and obese;
- ▶ with an excessive craving for sweet foods and eating between meals;
- ▶ elderly people.

How?

DuoLife MEDICAL FORMULA PROSUGAR® NEW supports:

- ▶ metabolic management, especially the metabolism of sugars in the body, helping to reduce the desire for sweets;
- ▶ normal blood glucose and cholesterol levels;
- ▶ helps slow down the digestion of complex sugars and reduce the absorption of simple sugars;
- ▶ antioxidative mechanisms;
- ▶ body detoxification processes;
- ▶ wound healing processes;
- ▶ helps prevent complications associated with high blood glucose levels, such as circulatory disorders in the feet or visual impairment;
- ▶ liver, pancreas and kidney functions;
- ▶ physiological intestinal flora function.



DuoLife MEDICAL FORMULA PROSUGAR® NEW - usage:

1-2 capsules daily.

Composition table

Content of ingredients per average daily dosage	1 capsule	2 capsules
ProSugar®(proprietary formula of fenugreek seeds (<i>Trigonella foenum-graecum</i>))	70 mg	140 mg
Extract of common chicory root(<i>Cichorium intybus</i>)	60 mg	120 mg
Extract of white mulberry leaves (<i>Morus alba</i>)	60 mg	120 mg
Pulverized cinnamon bark (<i>Cinnamomum zeylanicum-verum</i>)	50 mg	100 mg
Extract of beans (<i>Phaseolus vulgaris</i>)	50 mg	100 mg
Extract of goat's-rue herb (<i>Galega officinalis</i>)	20 mg	40 mg
Extract of maqui berries (<i>Aristotelia chilensis</i>)	20 mg	40 mg

*NRV – reference daily intake for an average adult (8400 kJ/2000 kcal)

Ingredients: proprietary formula ProSugar® with fenugreek seeds (*Trigonella foenum-graecum*), extract of common chicory root (*Cichorium intybus*) 5:1, extract of white mulberry leaves (*Morus alba*) 5:1, pulverized cinnamon bark (*Cinnamomum zeylanicum-verum*), extract of beans (*Phaseolus vulgaris*) 5:1, inulin from common chicory root (FOS), extract of goat's-rue herb (*Galega officinalis*) 5:1, extract of maqui berries (*Aristotelia chilensis*) 5:1. Capsule ingredients: hydroxypropyl methylcellulose (HPMC), gellan gum, chlorophyllin and chlorophyll (dye). Anti-caking agent: silica.

Do not exceed the recommended daily intake. The product should not be used as a substitute for a varied diet. Balanced diet and a healthy lifestyle are the basis for proper functioning of human body.

The herbal extracts contained in the preparation have a ratio of 5:1 written next to their names - this is the so-called DER. What does it mean?

DER (drug extract ratio) specifies a number of milligrams of plant material used to obtain one milligram of the extract.

If the capsule contains 60 milligrams of chicory root extract (or other extract) DER 5:1, this means that 300 milligrams of raw material were used to obtain the capsule. The capsules from the Medical Formula NEW line have an increased DER, so the same (or even lower) amount of the extract may provide a larger dose of active substances.

The proprietary ProSugar® formula derived from fenugreek seeds has a multidirectional effect that helps maintain proper blood glucose levels. It owes it to the synergy of active compounds contained in the plant.

- ▶ Thanks to the presence of significant amounts of galactomannanes, fenugreek delays gastric emptying, thus contributing to the reduction of postprandial blood glucose increase².
- ▶ The fenugreek seeds contain a rich complex of flavonoids and saponins - compounds with antioxidative properties scavenging free oxygen radicals. Thanks to this they contribute to the prevention of diabetes, also supporting the maintenance of normal blood cholesterol level²⁻⁴.
- ▶ An unusual amino acid present in the seeds - 4-hydroxyisoleucine - supports to maintain optimal blood sugar levels².
- ▶ Fenugreek supports the uptake of glucose from the blood by liver and adipose tissue cells, promoting the regulation of sugar metabolism in the body²⁻⁴.

Chicory root and bean seeds contain nutrients and bioactive ingredients to help maintain proper body weight.

- ▶ Inulin (fibre) contained in chicory root is not digested by the human body; it has a low glycaemic index and can be used by diabetics. Inulin has a positive effect on the microflora of the large intestine, stimulating the development of probiotic bacteria. It also stimulates intestinal peristalsis, promoting regular excretion and maintaining proper body weight⁵.
- ▶ Bean seeds are a source of fibre and antioxidant polyphenols; they also have a low glycaemic index. They help protect the body from excessive blood glucose levels and type II diabetes⁶. Bean seed extract can help reduce appetite and maintain proper body weight⁷.

Galega herb, white mulberry leaves and cinnamon bark support proper carbohydrate metabolism in the body.

- ▶ Chromium and guanidine derivatives contained in the galega herb help maintain proper blood glucose levels. The plant contributes to the regulation of glucose absorption from the gastrointestinal tract, supports sugar metabolism in the liver and glucose uptake by the cells^{1,8}. Importantly, galega supports wound healing, which in people with elevated blood sugar levels is usually significantly slowed down¹.
- ▶ Mulberry leaves have a beneficial effect on the body's carbohydrate metabolism and are also conducive to the prevention of obesity. The plant helps regulate the process of glucose absorption from the intestine, helping to reduce postprandial glycemia^{9,10}.
- ▶ Cinnamon also shows valuable health-supporting effects, mainly through its influence on the metabolism of the body. The raw material can support the transport of glucose to the inside of the cells, favouring the maintenance of optimal plasma sugar levels; the extract also has a positive effect on blood lipid profile^{11,12}.

Anthocyanins contained in maqui berries contribute to the prevention of diabetes and other civilizational diseases.

The maqui berries come from Chile and Argentina; their health-supporting effect results from their content of antioxidant anthocyanins¹³. Their antioxidant properties contribute to prevention not only of diabetes, but also of atherosclerosis and hypercholesterolemia, by promoting the maintenance of normal cholesterol blood levels¹⁴.

What makes DuoLife MEDICAL FORMULA PROSUGAR® NEW different?

- ▶ **Capsules made of organic cellulose derivative (HPMC)**, containing also chlorophyll derivatives, without preservatives, gluten and gelatin, suitable also for vegans and vegetarians (plus kosher and halal certificates), with delayed release time, with clinical trials* - improving the absorption of active compounds contained inside the capsule, which translates into increased concentration of active substances in the body.
- ▶ **Packaging free of bisphenol A (BPA)**, a compound with controversial health effects¹⁵.
- ▶ **Natural ingredients, with an additional content of prebiotic** - inulin from the common chicory root; inulin stimulates the development of natural intestinal microflora, thus supporting function of the gastrointestinal tract¹⁶; it has a low glycaemic index.
- ▶ **Formulation prepared in consideration of the principles of synergy and antagonism.**
- ▶ **Complete ingredients, with their biological background maintained**, improving their bioavailability.
- ▶ **The product DOES NOT CONTAIN preservatives and artificial fillers, and IS GMO FREE** – the raw materials used to develop the supplement ARE NOT DERIVED from genetically modified plants.
- ▶ **The product IS GLUTEN-FREE** - can be used by people with gluten intolerance.
- ▶ **Concentrated formula** – making the supplement easy to use: once or twice a day.

i The references for DuoLife Medical Formula ProSugar® can be found on a separate binder sheet.

*Study conducted in 2013 by Bio-Images Research Laboratory in Glasgow, Scotland

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