# REVIFORT - for the prevention of cancer pathology and immune deficiencies

**Description**

The product joins the achievements of classical and orient medicine. It was for the first time that such representatives of mushroom kingdom were united. These are actually almost single natural substances in the group of glucans, which make the immune system to destroy the tumor cells in active and multi-phase way, even in the very core of the tumor.

**Purpose:**

- prevention of oncopathology
- as part of complex treatment of cancer
- immunodeficiency of various origins
- systemic lupus erythematous
- dermatosclerosis
- rheumatism
- multiple sclerosis
- chronic hepatitis
- diabetes
- combines cardiovascular pathology
- prevention of premature ageing
- metabolic disorders

**Directions**

Adults: 1 capsule 2 times per day during meals. Course duration: 1 month. The interval between the courses cannot be shorter than 10 days.
Ingredients

Shiitake mushroom, reishi mushroom, maitake mushroom, cardyceps mushroom, extract of echinacea, laminariae thalli, mineral premix 15-03 (zinc copper, iron, manganese, iodine, selenium). Additional ingredients: lactose, talc, calcium stearate.

Recommended application:

- prevention of cancer pathology,
- part of complex treatment of cancer patients with various localization and process steps,
- immunodeficiencies of various origins,
- systemic lupus erythematosus,
- scleroderma,
- rheumatism,
- multiple sclerosis, chronic hepatitis,
- diabetes,
- concomitant cardiovascular disease,
- prevention of premature aging,
- metabolic disorders.

Main components

Shiitake

The most studied medicinal mushrooms with proven pharmacological properties. Shiitake shows a strong anti-tumor effects. It contains polysaccharide Lentinan - a molecule B 1,6-1,3-D-glucan having a polyvalent action on the organism: increasing maturation speed macrophages, NK-cells and cytotoxic T lymphocytes (CTL); increase their life expectancy; induces and enhances the lytic activity of macrophages, natural killer cells and CTL. It becomes obvious that in-1,601,3-D glucan activates white blood cells so that they are more actively and skillfully attacked and destroyed the tumor cells. Lentinan stimulates these cells, tumor inhibitors (cytokines, TNF, IL-1).

When stimulated Lentinanom CTL and NK-cells destroy foreign cells is activated by a protein perforin and granzymes. With their approach to the recognition of the white blood cells and throw them closely to the cell surface perforines who instantly embedded in the outer membrane. This creates a gap through which the cell loses fluid and dies. With the lack of effectiveness of perforin thrown granzymes that destroy the cell nucleus. Lentinan causes application only in patients with gastric cancer increased production of interleukin-1 and tumor necrosis factor. Lentinan also induces the production of interferon and interleukin-2 in cancer patients. In addition lentinan, anti-tumor and immune-boosting effects manifest and other polysaccharides extracted from shiitake. It was isolated containing polysaccharide mannan-peptide compound (KS-2) and emitanin that dramatically inhibited tumor growth. Laboratory studies have shown that the purified polysaccharide is non-toxic, it enhances immune responses stimulated tumor regression and even disappearance of its five weeks at sarcoma ascitic hepatoma, Ehrlich carcinoma, and other simulated tumors and prevents chemical carcinogenesis. Shiitake especially effective against tumors of the gastrointestinal tract, lungs and skin. It inhibits the growth of tumors and prevents the formation of metastases. In Japan, Lentinan frequently used for maintaining the immune function in cancer patients during chemotherapy, since it is known that the chemotherapeutic agents
can cause serious immunosuppression.

**Reishi**

The most important remedy for various tumors. The result of the cooperation between the National Center for Research on Cancer and the Department of Agricultural Chemistry of the University of Shizuoka (Japan) in 1980 was the opening of the strongest b-glucan Reishi (GL-l-2a-b).

b-glucans Reishi accelerate the maturation of immune cells, increase the lifespan of macrophages, CTL and NK cells in several times to activate them so that they begin to show an unprecedentedly high cytotoxic activity for any abnormal cells. They also increase the content of TNF-a, and IL-1 and IL-6. In addition, it found that ergosterol Reishi have a direct inhibitory effect on the tumor. Clinical studies show that patients taking Reishi, better tolerate chemotherapy and radiation. They have expressed the fall of white blood cells and immunological parameters.

**Maitake**

"Rising Star" of mycology, mushroom, which has been actively studied relatively recently - only thirty years. We prove that the daily use of maitake extract strengthens the immune system and significantly reduces the risk of cancer. Antitumor effect of maitake very powerful. It found beta-glucan, called Gri-fon-D. It has a unique structure and is the most powerful among the studied anti-tumor polysaccharides. Maitake enhances the cytotoxic activity of macrophages and helps to suppress the action of carcinogens; exhibits antimitetastatic activity. Studies have shown that after taking the maitake extract, the cancer cells are destroyed by activated immune cells. Furthermore, maitake inhibits tumor angiogenesis - the rapid formation of the circulatory system tumors for which tumor receives food and oxygen and decomposition products are removed.

Maitake stimulates apoptosis in cancer cells. The fungus also stimulates the production of IL-6, known for its effectiveness in the fight against cancer cells and stimulate the synthesis of various lymphokines. Beta-glucan maitake highly active against resistant to the effects of hormones prostate cancer cells, as well as effective in bladder cancer. In general antitumor activity maitake still exhibit organ specificity, which manifests itself in the treatment of breast, uterine, ovarian, prostate and bladder.

**Cordyceps**

China is one of the main drugs of the national medicine for 1,200 years. Chinese doctors are using it to promote health, improve the tone and get rid of many diseases: bronchitis, pneumonia, angina, tuberculosis, cystitis, pyelonephritis, glomerulonephritis, hepatitis, cirrhosis, rheumatism, premature aging, and it is not a complete list.

He has pronounced immunoregulatory and anti-tumor properties. Effective with autoimmune diseases such as scleroderma, systemic lupus erythematosus, rheumatoid arthritis and rheumatism, due to the normalization of the bodies regulating the immune system. Cordyceps has a bacteriostatic effect against several dozen pathogenic bacteria, has anti-inflammatory and exceeds performance hydrocortisone. It improves cardiovascular system and helps to better tolerate chemoradiotherapy.

**Echinacea purpurea**
Contains essential oils, resins useful, essential for the health of organic acids, vitamins and the unique natural antioxidants and ehinolon ehinotsin. The composition of the treatment of essential vitamins and minerals contained in echinacea, is extremely rich - vitamins A, C, E, magnesium, manganese, potassium, sodium, and others. This is a wonderful plant is extremely rich in nutrients, iron, necessary for the formation of red blood cells and improves the blood, calcium, an essential for strong bones and teeth, which is important in the elderly, selenium, giving the ability to resist any disease, as well as silicon, necessary for the formation of healthy tissue after surgery. All these elements enhance immunity, improve metabolism, possess antiallergic, antimicrobial, diuretic, anti-viral, anti-tumor and anti-inflammatory properties. Echinacea boosts the immune system in the following way: it actively cleans the entire lymphatic system, blood, liver, kidneys, prevents the destruction and helps restore healthy cells, fights against bacteria, viruses, fungi and germs, activates and mobilizes the body’s defenses to fight the disease. At the same time it perfectly stimulates the growth of healthy cells, antibody production, is an indispensable tool for mental and physical exhaustion, improves tolerability chemoradiotherapy.

Thallus kelp

They contain a huge amount of B vitamins and trace elements. Has a powerful firming and detoxification effect on the body: it stimulates the gastrointestinal tract and liver, hemoglobin synthesis and maturation of red blood cells, as well as the growth of healthy tissue; helps reduce cholesterol levels; normalize thyroid function, metabolism and immune status.

Form release:

60 capsules of 0,6 g.

Production

Scientific and Production Center of Revitalization and Health

St. Petersburg University of Bioregulation and Gerontology