

THYMVITAL®

Food supplement with zinc, selenium, thymus extract



Consumer information:
please read carefully

- Zinc and selenium: contribute to protect cells from oxidative stress
- Zinc and selenium: contribute to normal function of the immune system
- Zinc: contributes to normal cognitive function
- Thymus gland: important organ of the immune system

Average nutrient content of THYMVITAL®

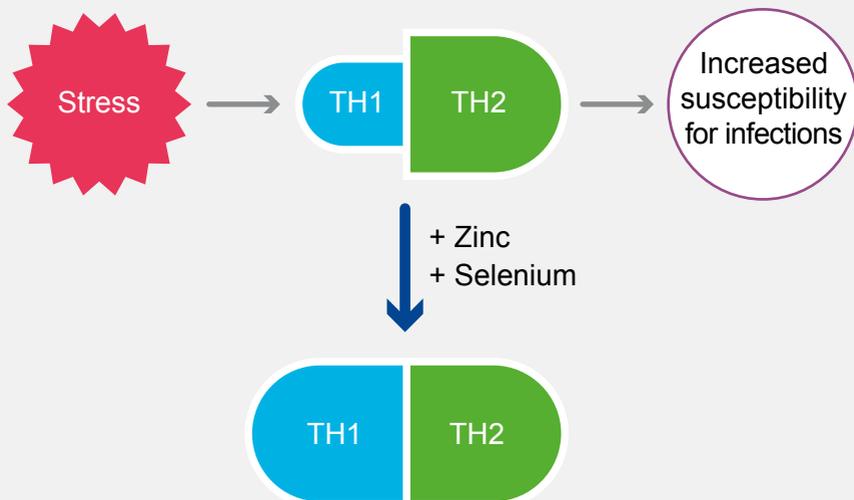
Nutrient	per capsule	NRV*
Zinc	5 mg	50 %
Selenium	100 µg	182 %
Thymus extract (thereof peptides)	300 mg (249 mg)	

* Reference quantities for the daily intake of vitamins and minerals – nutrient reference values (NRV)

we are
research



Zinc and selenium keep the immune system in balance



Zinc and selenium – unfortunately often in deficit

A zinc deficiency often manifests itself only through rather unspecific symptoms: for example fatigue, poor concentration, decreasing performance, depressive mood or susceptibility to infection. Wound healing disorders and skin changes such as acne, eczema or dandruff often occur. Hormonal changes can reduce sexual interest and fertility.

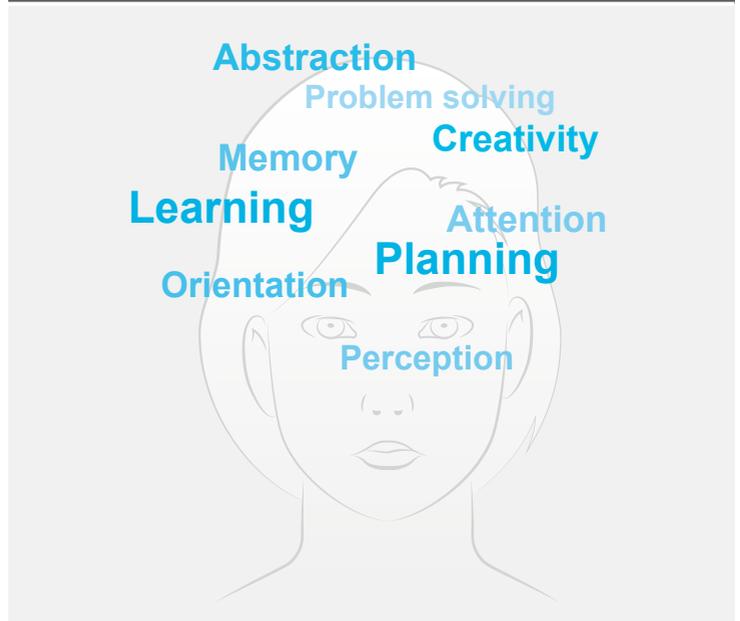
An undersupply of selenium – similar to zinc – is noticeable in most cases due to the lack of characteristic symptoms. Possible signs include fatigue, hair loss, scaly skin, liver dysfunction, muscle weakness or reduced sperm quality. The function of the thyroid gland and the immune system are impaired.

Zinc and selenium maintain, among other things, the balance of the immune system

Stress shifts the TH1/TH2 balance of the immune system towards TH2. This weakens the cellular immune response, which is important for the body's defense against bacteria and viruses. On the other hand, an imbalance in favor of TH2 helper cells can also promote allergies.

Both a zinc and a selenium deficit have the same effect on the TH1/TH2 balance, and can lead to a massive imbalance between TH1 and TH2 helper cells. Selenium in the form of sodium selenite promotes the TH1 helper cells. The equilibrium of TH2 can also shift again in the direction of TH1.

In summary, zinc and selenium supplementation can compensate the imbalance of the TH1/TH2 ratio and thus support the proper functioning of the immune system.



Zinc – strong for the brain

Zinc plays a decisive role in brain metabolism: no other trace element is found in such a high concentration in the brain. Zinc regulates signal transmission at the synapses. Zinc is important for the cognitive functions and intellectual performance of the brain.

The thymus gland:

Booster for the immune system

In humans, the thymus gland is located directly behind the breastbone above the heart. In puberty it reaches its maximum size with a weight of about 40 grams. With increasing age the organ shrinks again. This process is called involution. One consequence of the aging process is that the thymus gland produces fewer thymus peptides and fewer new T-cells, which is one of the reasons why our defenses often weaken with age. Stress, unbalanced nutrition, diseases and certain medications can further increase the natural loss of the thymus gland function.

Ingredients

Thymus extract powder of calf (50 %); filling material: microcrystalline cellulose; crystalline silica; shellac; beef gelatin (capsule); zinc gluconate; coloring agents: E 171, E 555; sodium selenite pentahydrate.

Recommended intake

Take 1 capsule per day approx. 30 minutes before a meal with some liquid.

THYMVITAL® capsules are enteric and soluble in the small intestine. They should not be taken at the same time as high-dose, enteric, small intestine-effective enzyme preparations (proteolytic enzymes), as the thymus extract may otherwise be destroyed.

It has been shown to be sensible to take a four-week break, e.g. after taking THYMVITAL® for three months.

The recommended daily intake should not be exceeded.

Food supplements should not be used as a substitute for a balanced and varied diet.

A varied and balanced diet as well as a healthy lifestyle are of great importance.

It is not recommended to use during pregnancy and lactation as well as in children under the age of twelve.

Storage

Store out of the reach of small children. Protect from heat and sunlight.

Packages

Pack of 30 capsules (content: 21 g)

Further information

biosyn offers you a range of high-quality food supplements – including our selenium product selenase®.

Please consult: www.biosyn.de/produkte/nahrungsergaenzungsmittel

We would be pleased to send you our THYMVITAL® folder free of charge – please send us an e-mail: information@biosyn.de (keyword: CI THYMVITAL®),

call us at:
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