

Thymus EG™



A strong thymus support formula to stimulate the immune system.

Indications

- Immuno-stimulant
- Thymus Support

The thymus gland is known as the "Master Gland of the Immune System." The thymus and bone marrow are the primary lymphatic organs. T-lymphocytes (or T-cells) undergo maturation in the thymus - hence their name. Thymus EG™, is a liquid combination of Thymus gland, Echinacea angustifolia and Ginger extracts that promote the development of T-cells, stimulates phagocytosis and the intercellular killing of exogenous organisms and protects against cold & flu, allergies (hay fever, rhinitis, sinusitis and food allergies), cancer and auto-immune diseases. The increased dose of Echinacea and addition of Ginger into this formulation makes Thymus EG™ even more potent in providing immune support.



Medicinal Ingredients:

5 drops (0.2 ml) contain:

Glandular thymus (lyophilized from bovine)	100 µg
Echinacea angustifolia, root	500 µg
Ginger (Zingiber officinale, root)	100 µg

Non-medicinal Ingredients: Glycerin, lactic acid, potassium sorbate, sodium benzoate, water.

Recommended dose (adult): Take five drops three to four times a day or as directed by a healthcare practitioner.

Caution/Warning: Consult a healthcare practitioner prior use if you have rheumatoid arthritis, tuberculosis, leukosis, collagenosis, multiple sclerosis, AIDS, HIV infection, auto-immune disorders, gallstones, blood coagulation disorders and if you are taking immunosuppressants and/or blood thinners.

Contraindications:

Do not use if you are pregnant or breastfeeding. Do not use if you have an allergy to Asteraceae/Compositae (daisy) family.

Echinacea angustifolia is traditionally used to fight off colds, flu and infections; acts as supportive therapy in the treatment of colds, flu, upper respiratory infections and urinary infections; and traditionally used for the relief of sore throat due to colds.

The second ingredient in Thymus EG is thymus gland extract from the bovine source. The thymus gland is an important organ in maintaining immune status, especially for the development of T-Lymphocytes. The thymus gland is part of the immune system that produces hormones to support the development of the immune cells. Studies shown that a calf thymus extract called "Thymomodulin" significantly decrease the monthly frequency of recurrent respiratory infections in children . In another study, 12 out of 15 patients after the administration of Thymomodulin shows a significant increase of CD4 cells and also to a decrease of the CD8 lymphocytes . Thymomodulin was also shown to act upon blood polymorpho-nuclear cells, inducing mononuclear cells to release factors able to stimulate the phagocytosis and the intracellular killing of exogenous organisms .

Ginger is traditionally used to help prevent nausea and vomiting due to flu symptoms or due to motion sickness, postoperative nausea and seasickness. It also helps to relieve digestive upsets/disturbances including flatulence, spasm indigestion and constipation. It is a spasmolytic and can assist in reducing pain during dysmenorrhea and ovarian neuralgia.

References:

1. Fiocchi et al. A Double-Blind Clinical Trial for the Evaluation of the Therapeutic Effectiveness of a Calf Thymus Derivative (Thymomodulin) in Children with Recurrent Respiratory Infections. *Thymus* 8 (1986): 831-9.
2. Valesini G, Barnaba V, Benvenuto R, et al. A calf thymus acid lysate improves clinical symptoms and T-cell defects in the early stages of HIV infection. Second report. *Eur J Cancer Clin Oncol.* 1987; 23:1915-1919.
3. Lantero S, Oddera S, Silvestri M, Ottolini V, Sacco O, Rossi GA. Thymomodulin enhances phagocytic and intracellular killing activities of polymorphonuclear leucocytes without increasing release of chemotactic factors. *Monaldi Arch Chest Dis.* 1993;48(1):29-33.