

CANINE THYROID SUPPORT

*It is thought that the thyroid glands (or thyroid hormones) interact with every cell in the body. The functional food ingredients in **Canine Thyroid Support** provide primary nutrient support for the thyroid glands, and secondary support for the adrenal glands, liver, digestive tract, bone and nervous system. **Canine Thyroid Support** is formulated to normalize thyroid function to maintain a healthy metabolism.*

Indications for Use:

- General thyroid support
- Patients with reduced thyroid function or with increased metabolic demand
- Patients receiving drugs that are thyroid suppressive
- Clinical signs associated with hypothyroidism
- Abnormal thyroid testing indicative of thyroid dysfunction

Systems Supported:

- **Thyroid glands** – primary support of the thyroid mediated with thyroid PMG, *Strombus gigas*, ribonucleic acid, flaxseed oil, *Tillandsia usneoides*, *Eleutherococcus senticosus*, calcium glycerophosphate, soy bean lecithin, and kelp
- **Adrenal glands** – secondary support for the thyroid mediated by support of the adrenal glands with desiccated adrenal, *Eleutherococcus senticosus*, mushroom and adrenal PMG
- **Liver** – secondary support for the thyroid mediated through support of the liver with desiccated liver, duodenum, ribonucleic acid, rice bran, pea vine juice, orchic extract, wheat germ oil, brain, oat flour, calcium lactate, and defatted wheat germ

Whole Food Ingredient Sources:

- **Tissue desiccates** – liver, adrenal, bone meal, and duodenum
- **Bioflavonoids** – buckwheat leaf juice and seed
- **Vitamin A complexes** – liver
- **Vitamin B complexes** – rice bran, oat flour, and defatted wheat germ
- **Vitamin C complexes** – adrenal and mushroom
- **Vitamin E complexes** – pea vine juice and wheat germ oil
- **Carotenoids** – carrot
- **Minerals** – bone meal, alfalfa juice, and *Strombus gigas*
- **Amino acids** – *Strombus gigas*
- **Fatty acids** – flaxseed oil
- **Botanical phytonutrients** – *Eleutherococcus senticosus*
- **Protomorphogens** – thyroid, adrenal, ovary, and heart

Individual Ingredients:

Eleutherococcus senticosus – contains eleutherosides, triterpenoid saponins and other compounds that work to promote vitality, enhance immune system function and support the body's ability to adapt to stress.

Bovine liver concentrates – work synergistically w/liver PMG to provide important cell substrates for hepatic cells and Kupffer cells. This is important for metabolic processes of the liver and bacterial toxin removal. Also important secondary support for the thyroid.

Bovine orchic extract – promotes the penetration of nutrients into tissue and various tissue compartments by its hyaluronidase activity.

Bovine Adrenal Cytosol™ Extract – source of cytosolic components from cells of the adrenal gland, also provides critical cellular materials for proper cell metabolism.

Bovine Thyroid PMG™ Extract (processed to remove its thyroxine) – contain specific thyroid cell determinant factors that improve the local nutritional environment and support appropriate cell function (Lee and Hansen 1947).

Tillandsia usneoides (Spanish Moss) – contains significant amounts of various minerals, chlorophyll, and most of the B vitamins.

Mushroom – one of the richest sources of vitamin C complex, antioxidant

Buckwheat leaf juice and seed – Source of bioflavonoids. Provide general benefits for healing and reducing inflammatory conditions. The bioflavonoids are useful for improvement of capillary fragility and promotion of normal arterial elasticity (Berger, 1992). A major source of building blocks and supportive nutrients for the heart and other vascular structures.

Flaxseed oil – contains alpha-linoleic acid, an omega-3 fatty acid that benefits multiple body systems including the immune system, integument, and cardiovascular system.

Calcium lactate – bioavailable source of calcium.

Strombus gigas (Conch) – source of protein, amino acids, and trace minerals.

Carrot - source of whole vitamin A complex, trace minerals.

Bovine Adrenal Cytosol™ extract – source of cytosolic components from cells of the adrenal gland, also provides critical cellular materials for proper cell metabolism.

Soy bean lecithin – rich source of lecithin, a precursor to choline. Crucial to proper thyroid, nervous system, liver, cardiovascular and immune system health. Excellent source of essential fatty acids.

Porcine Ovary PMG™ Extract – improves local nutrient environment for gonad tissue, provides indirect thyroid support.

Kelp – Seaweed, a good source of, iodine, trace minerals

Wheat germ oil – rich source of whole vitamin E complex

Rice bran – provides whole vitamin B complex, important for cell energy reactions.

Bone meal – mineral and bone marrow components, for connective tissue and immune system support.

Pea vine juice – source of whole vitamin E complex. Important antioxidant.

Defatted wheat germ – source of vitamin E complex, vitamin B complex, trace minerals, antioxidant.

Alfalfa juice – source of bioavailable protein, vitamin A, C, E, K complexes, carotenoids, chlorophyll, calcium, potassium, phosphorus, isoflavonoids and triterpene saponoids.

Bovine Heart PMG™ Extract – contain specific thyroid cell determinant factors that improve the local nutritional environment of myocytes and support appropriate cell function (Lee and Hansen 1947), circulatory support.

Porcine duodenum – used to improve cellular biochemistry of the duodenum. Known to produce digestive secretions, like secretin, which promotes secretion of pancreatic fluid and bicarbonate (Chey, 2003).

Potassium para-aminobenzoate – potassium source.

Porcine brain – supports nerve function.