

CANINE ADRENAL SUPPORT

Canine Adrenal Support is a nutritional supplement formulated with ingredients known as functional foods. These are foods that have shown to benefit various organs and tissues in the body. In **Canine Adrenal Support**, the entire body's basic nutritional needs are addressed in addition to those of the adrenal glandular system. The goal of **Canine Adrenal Support** help maintain the adrenal gland's response to metabolic demand, normalize adrenal function, support the body's ability to handle stress, and to promote the adrenal gland's ability to rebuild and regenerate.

Indications for use:

- General adrenal support
- Patients with hypoadrenocorticism
- Patients with hyperadrenocorticism
- Patients receiving drugs that are known to create adrenal stress or reduced function
- Clinical signs associated with adrenal dysfunction
- Abnormal alkaline phosphatase, ACTH stimulation test, low-dose dexamethasone suppression test, and/or high-dose dexamethasone suppression test indicative of adrenal dysfunction

Systems Supported: Canine Adrenal Support

- **Adrenal Glands** – primary support for the adrenal glands mediated by adrenal PMG, adrenal cytosol, adrenal desiccate, *Eleutherococcus senticosus*, black currant juice, mushroom, buckwheat leaf juice and seed, alfalfa juice, and sea salt
- **Pituitary Gland** – secondary support for the adrenal glands mediated by support for the pituitary with pituitary PMG, alfalfa juice, sea salt, pea vine juice, manganese glycerophosphate, wheat germ oil, rice bran, and nutritional yeast
- **Thyroid Glands** – secondary support for the adrenal glands mediated by support for the thyroid with thyroid PMG, kelp, soybean lecithin
- **Autonomic Nervous System** – secondary support for the adrenal glands mediated by support for the autonomic nervous system with alfalfa juice, nutritional yeast, and rice bran
- **Liver** – tertiary support for the adrenal glands mediated by support for the liver with desiccated liver, defatted wheat germ, pea vine juice, buckwheat leaf juice and seed, orchic extract, nutritional yeast, oat flour, and rice bran
- **Duodenum** – tertiary support for the adrenal glands mediated by support for the duodenum with desiccated duodenum, chlorophyll, allantoin, and veal bone PMG
- **Kidney** – tertiary support for the adrenal glands mediated by support for the kidney with desiccated kidney, chlorophyll, carrot, and buckwheat leaf juice and seed

Whole Food Ingredient Sources: Canine Adrenal Support

- **Tissue desiccates** – adrenal gland, liver, kidney, and duodenum
- **Vitamin A complex** – liver and kidney
- **Vitamin B complex** – nutritional yeast, oat flour, and rice bran
- **Vitamin C complex** – mushroom, adrenal gland, and black currant juice
- **Vitamin E complex** – pea vine juice, chlorophyll, and wheat germ oil
- **Carotenoids** – carrot
- **Bioflavonoids** – buckwheat leaf juice and seed
- **Minerals** – alfalfa juice, and sea salt
- **Protomorphogens** – adrenal gland, pituitary gland, thyroid glands, and veal bone

Individual Ingredients:

Protomorphogen Extracts – cell extracts which contain *cell determinants*, specific to the gland source. Function in cell regulation, maintenance and interaction with natural tissue antibodies. From adrenal gland, pituitary gland, thyroid glands and veal bone.

Tissue desiccates – from adrenal, liver, kidney, duodenum. Provide important cell substrates specific to the tissue source. E.G. – liver fat provides substances that improve hepatic blood flow (Sato, 1927), maintains optimal Kupffer cell function.

Black currant juice – excellent source of proanthocyanadins, important antioxidants

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

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.

Wheat germ – source of whole vitamin E complex, important antioxidant vitamin

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

Nutritional yeast – provides a range of the whole vitamin B complexes

Carrot powder – source of whole vitamin A complex, trace minerals

Wheat germ oil – rich source of whole vitamin E complex

Buckwheat leaf juice – source of bioflavonoids and whole vitamin A complexes, promotes capillary integrity. Rich source of phytonutrients, including flavonoids, such as rutin, and other phenolic acids.

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

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

Sea salt – source of trace minerals

Oat flour – Vitamin A source, supports capillary integrity

Allantoin – a substance found in amniotic fluid and certain plants, reported to promote natural cellular regeneration.

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

Chlorophyll extract – a fat soluble extract from plant material. Rich source of vitamin K and stimulants for tissue healing, maintenance and regeneration. Regarded as a natural GI tract deodorant and cleanser.

Kelp – source of trace minerals

Manganese Glycerophosphate – essential trace mineral, important for skeletal and cartilage formation, structural nutrient