Standard Process
VETERINARY FORMULAS™

Canine Immune System Support

AVAILABLE SIZES:
A1610 1.1 oz (30g)
A1660 3.9 oz (110g)

Amount per 1/8 tsp. (260 mg):

Dried yeast fermentate (EpiCor®).....33 mg
Zinc (from Zn amino acid (rice) chelate).....1 mg
Vitamin E (Sunflower oil).....0.3 mg
Iodine (Kelp).....0.03 mg

Proprietary Blend 202 mg

Bovine spleen, bovine spleen PMG™ extract, bovine thymus PMG™ extract, bovine thymus Cytosol™ extract, nutritional yeast, black currant (seed) oil, ashwagandha (*Withania somnifera*), organic reishi mushroom powder, organic shiitake mushroom powder, and eleuthero (*Eleutherococcus senticosus*).

With EpiCor® dried yeast fermentate, a registered trademark of Embria Health Science, LLC.

Directions for use:

Administer orally. Best if given with food.
Includes ⅛ tsp scoop for 1.1 oz
and ½ tsp scoop for 3.9 oz

Dose Schedule:

1-10 lbs	⅛ tsp. 1x / day
11-20 lbs.	⅛ tsp. 2x / day
21-40 lbs.	¼ tsp. 2x / day
41-60 lbs.	½ tsp. 2x / day
61-80 lbs.	¾ tsp. 2x / day
>80 lbs.	1 tsp. 2x / day

More Product Details

Scan or use link below:
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BENEFITS:

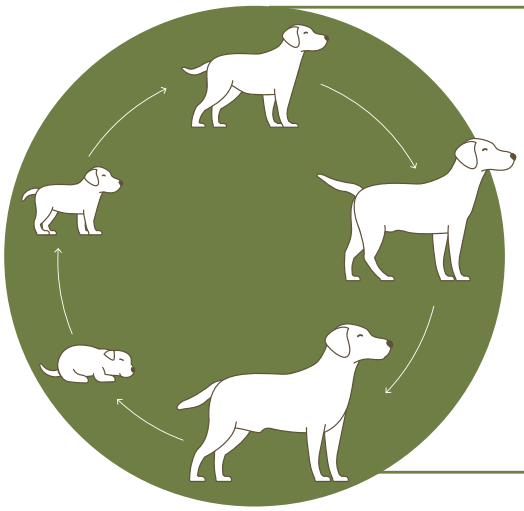
Canine Immune System Support encourages optimal function of dogs' immune systems and provides nutritional and biochemical support for healthy immune cells and tissues.

Supplementation to Support One of the Body's Most Important Systems

Dogs are under constant pressure from seasonal and environmental challenges. These challenges take many forms, and can have an impact in a variety of ways. Though issues such as these are a part of life for every pet, nutrition can play an important role in how the body responds when it's put to the test. Canine Immune System Support empowers a proactive approach to immune system wellness. It's made with researched-supported ingredients that are shown to have a positive effect in healthy immune system function.

How Nutrition Affects the Immune System

The immune system is a complex array of organs, cells, and proteins that are found throughout the body. These components are designed to work in conjunction to provide a defense against unwanted invaders. Because of the system's complexity, it requires a multidimensional approach of nutritional factors for optimal function. This includes a variety of vitamins and minerals — many of which have been backed by research.



SUPPORT FOR ALL STAGES OF LIFE

From Puppies to Senior Dogs

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Canine Immune System Support Contains Research-Supported Ingredients

Zinc Rice Chelate

- Zinc is essential for proper immune system cell function[1]
- The deficiency of Zinc is reported to negatively impact immunity[2]
- Canine Immune System Support targets a minimum of 1 mg of zinc per serving (1/8 tsp) — 19% to 54% of the NRC Recommended Allowance (RA) per day across the dosing schedule

Kelp

- Canine Immune System Support targets a minimum of 0.03 mg of iodine from kelp perserving (1/8 tsp.) — 39%-133% of the NRC (RA) per day across the dosing schedule
- Iodine indirectly possesses antioxidant activity and is purported to be an evolutionarily significant or "primitive" antioxidant for all cells that concentrate it (including the thymus gland)[3]
- Iodides have many non-endocrine based biological effects, including a role in cell function and the physiology of the inflammatory response[4]

EpiCor®

- A 56-day study (n=30) demonstrated that dogs receiving 7 mg/kg EpiCor® showed significant immune system support (study on file, Palic et al. 2011)

  The 56-day study (n=30), with no adverse events reported, demonstrated that dogs receiving 7 mg/kg EpiCor® had significantly reduced IL-4 positive cells, IFN-gamma positive cells, and higher serum IgA levels, suggesting balanced T cell function and antibody response compared to control animals.

- Canine Immune System Support targets a minimum of 33 mg (7.3 mg/kg) of EpiCor® Pets postbiotic supplement from *Saccharomyces cerevisiae* per serving

Vitamin E

- In addition to its activities as an antioxidant, vitamin E is involved in immune function and, as shown primarily by in vitro studies of cells, cell signaling, regulation of gene expression, and other metabolic processes[5]
- Maintenance of healthy serum levels of vitamin E through diet may support antioxidant pathways in dogs[6]
- Canine Immune System Support targets a minimum of 0.3 mg (0.45 IU) of vitamin E per serving (1/8 tsp.) — 12%-32% of the NRC (RA) per day across the dosing schedule

Synergistic Products

For a complete list of products visit standardprocess.com/veterinarians

VF Thymex®
Supports a healthy thymus gland and immune system

Canine Hepatic Support
Supports liver metabolism & hepatic circulation

Canine Enteric Support
Provides general digestive system support

Canine Whole Body Support
Provides general multisystem support

Innovation

High-Quality Ingredients

Quality Assurance

Organic Farm

Healthy Soil. Healthy Plants. Healthy Lives.

Our mission of helping people and animals starts on our certified organic farm.

Organic certification ensures that there are no synthetic pesticides and no genetically modified organisms (GMOs) used to grow our crops.

Our expertise in cultivating healthy soil allows us to maximize the nutrient density in our products. This helps us deliver nutrition that's as close to nature as possible and create products that have changed lives for over 90 years.

REFERENCES

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3. Venturi, S. Current Chemical Biology 5, 155-162 (2011).
4. Venturi, S. & Venturi, M. Nutrition 25, 977-979 (2009).
5. Traber MG. Vitamin E. In: Shils ME, Shike M, Ross AC, Caballero B, Cousins R, eds. Baltimore, MD: Lippincott Williams & Wilkins, 2006;396-411.
6. Heaton, P.R., et al. The Journal of Nutrition 132, 1720S-1724S (2002).

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