



Ramaekers Nutrition

Veterinary Immune Tabs

Medicine is the Science of Disease and Nutrition is the Science of Health

The staff veterinarians at Ramaekers Nutrition have over 154 combined years of field and clinical experience in the area of natural immune supplementation.

Our primary focus is to provide nutritional support products that promote the state of health and wellness.

Our ***Veterinary Immune Tabs*** are designed to combine highly bioavailable nutrients to nourish the immune system with the ingredients known to enhance the activity and vigilance of the immune cells. The *synergism* of the ingredients is what makes the ***Veterinary Immune Tabs*** unique.

Suggested Administration Guidelines

Since immune supplementation is not drug therapy, it is not necessarily dosed on a per pound basis. These are rough guidelines and are adjustable based on your clinical observations.

When providing immune support to address an illness, it is very important to start early in the process.

We suggest immune support prior to any anticipated stressful event.

These products are safe to use with almost any traditional medication.

Veterinary Immune Tabs are intended for use in *both* dogs and cats. Some cats won't tolerate customary label dosages.

Work up to label dose over 7 to 10 days for sensitive stomachs.

Veterinary Immune Tab (VIT) Formulas

Professional / *VIT Red Label*

Serious, Debilitated, Advanced Disease

Indications: Benign and Malignant Tumors, Viral, Systemic Fungal, and Immune Disorders.

Maintenance / *VIT Green Label*

Growth, Geriatric, General Health

Indications: Bacterial, General Wellness, Growth Stages, and Immune Disorders.

Pain Tab / *VIT Blue Label*

Bruising, Trauma, Arthritis

Suggested Small Animal Dosage Guidelines:

Wellness of Adults, Puppies, and Kittens

- Offer *VIT Green Label* – 1 tablet per 25-50 lbs. daily.
- Start at 4 to 6 weeks of age to promote healthy growth patterns, enhance vaccine induced antibody protection, and improve resistance to intestinal parasites.

Geriatric Dogs and Cats

General Health & Wellness

- Use *VIT Green Label* – 1 tablet per 25 lbs. daily.
- For the patient that is starting to show loss of vigor, unthrifty hair coat, early arthritis symptoms, and aging lens. *VIT Green Label* also provides significant immune support.

Arthritic Dogs and Cats

- Give *VIT Blue* or *Green Label* – 1 tablet per 25 lbs. daily.
- For a patient showing more advanced arthritis, or as a good option for NSAIDS therapy. *VIT Blue Label* provides moderate immune support.

Viral Conditions

Respiratory, Ophthalmic, and Enteric (acute or chronic)

- Administer **VIT Red Label** – 1 tablet per 20 lbs. daily.
- Start early in the course of illness as standalone therapy (allow 5-7 days) or as adjunctive therapy to your normal protocols. Our observations are that Vet-I-Tabs tend to help quicken the response to therapy, shorten the illness, and lessen the likelihood of recurrence.
- Consider for: Canine Parvovirus, Canine Tracheobronchitis, Feline Conjunctivitis/URI, Feline Stomatitis/Gingivitis, and Feline Distemper.
- Pulse therapy. If patient responds in the first week, then can dose once or twice weekly until resolved.
- Can use **VIT Green Label** at higher doses.

Bacterial Conditions

Dermal, Respiratory, and Enteric (acute or chronic)

- Give **VIT Green Label** – 1 tablet per 25 lbs. daily.
- Start early in the course of illness as standalone therapy (allow 7-10 days) or as adjunctive therapy to your normal protocols. Our experiences are that Vet-I-Tabs aim to help accelerate the response to therapy, reduce the time of illness, and decrease the probability of recurrence.
- Consider for Pneumonias, Pyodermas, Otitis Externa, Sinusitis, Acute and Chronic Entero-Colitis, and Chronic Interdigital Furunculosis.
- Double the dose for more severe conditions, or switch to **VIT Red Label**.

Diabetes

- Canine and Feline: Start with **VIT Green Label** – 1 tablet per 25 lbs. daily.
- Initiate traditional insulin therapy and appropriate dietary measures.

Demodicosis

- Immune supplementation is safe to use with traditional anti-demodex and antibiotic therapy. We often see improved response to traditional therapy because we're helping the patient's immune response capabilities.
- Canine, simple or localized: Use **VIT Green Label** – 1 tablet per 25 lbs. daily until cleared (allow 3 to 4 weeks). Administer antibiotics as indicated and adjust or alter therapy if not responding.
- Canine, generalized or chronic: Initiate appropriate anti-demodex and antibiotic therapy. Prescribe **VIT Red Label** – 1 tablet per 20 lbs. daily.
- Feline Demodex: Initiate appropriate anti-demodex and antibiotic therapy. Offer **VIT Green Label** – 1 tablet per 25 lbs. daily.

Fungal Infections

Dermal and Systemic

- Immune supplementation is safe to use with topical or systemic anti-fungal therapies. These patients are assumed to be clinically or sub-clinically immune compromised to begin with. Use immune support until clinically resolved or long term if relapse is observed.
- Dermatophytosis: Along with traditional therapy, use **VIT Green Label** – 1 tablet per 25 lbs. daily. If not responding, double dose or switch to **VIT Red Label** – 1 tablet per 20 lbs. daily.
- Systemic Mycoses: Along with traditional therapy, give **VIT Red Label** – 1 tablet per 20 lbs. daily. For serious systemic infections, administer **VIT Red Label** – 2 tablets per 20 lbs. daily.

FeLV and FIV

- Along with traditional therapeutic and supportive care, prescribe **VIT Red Label** – 1 tablet per 20 lbs. daily.
- Response to immune support can take weeks in these immune compromised patients.
- For patients with depressed appetites, grind tablets and syringe feed.
- Consult Ramaekers Nutrition Staff Veterinarians for other more advanced therapy options.
- The goal here is to offer good nutritional support, immune modulation, improve gut health, and enhance bone marrow health.

Tumors

General Therapy Concepts for Tumors

- For all neoplastic conditions, use **VIT Red Label** – 1 to 2 times label dose.
- Always obtain appropriate tissue biopsy and staging.
- Suggest immune supplementation prior to surgical excision, chemotherapy, or radiation to evaluate response of **THIS** particular cell type in **THIS** individual patient in **THIS** particular location with **THIS** particular supplement.
- Allow 3 weeks response time if clinical presentation permits. We assume that all patients with tumors have some degree of chronic immune incompetence.
- Immune support is considered to be warranted long term or for life.
- After 6 to 8 weeks of successful therapy, consider reducing to label dose or pulse dosing 4 to 5 days per week.

Dermal, Subcutaneous, Palpable Deep Tissue, Oral Cavity, and Rectal:

- Obtain appropriate tissue biopsy and precise dimensions of mass.
- Allow 3 weeks to evaluate tumor response if appropriate. Proceed with traditional oncology therapies as indicated.
- Often surgical excision is made easier by tumor shrinkage and tissue margin demarcation.

Systemic, Body Cavity, Intra-organ, and Metastatic:

- Same basic immune support concepts apply, but often earlier and more aggressive traditional therapies may be warranted.
- These decisions require long discussions with the owners.
- Traditional multimodal therapy plans are often indicated.
- Immune support is often indicated to support the patient's general well being, enhance patient response, and prevent recurrence if remission occurs.

Autoimmune and Immune Mediated Conditions

- Use either **VIT Green Label** for early or mild immune conditions. For more advanced or serious immune conditions, administer **VIT Red Label**. Start both at label dose, working up to full dose over 7 to 10 days.
- Immune support is safe to use concurrently with immune suppressive/modulating drugs.
- For non-life threatening conditions, often immune support can be evaluated as an initial mode of therapy. Allow 3 weeks for a clinical response. Monitor closely as indicated.
- Consider for Immune Dermal Vasculitis, Pemphigus, Lupus-like conditions, IMHA, ITP, Polyarthritis, Lymphocytic-Plasmacytic Stomatitis, Eosinophilic Granuloma Complex.

Stress

Travel, Shows, Agility, Boarding, and Surgery

Offer **VIT Green Label** – 1 tablet per 25 lbs. Start 3 days prior to, during, and after stressful event.

FIP

Non-Effusive Form

- Give **VIT Green Label** – 1 tablet per 25 lbs. daily.
- Administer Vet-I-Tabs with other traditional therapeutic and supportive care.

Feline Hyperthyroidism

- Use **VIT Green Label** – 1 tablet per 25 lbs. daily.
- The goal here is to offer excellent immune support and nutrition to a chronically debilitated patient that is at risk for sub-clinical infections.

Ferrets

- Administer either **VIT Green Label (maintenance formula)** or **VIT Red Label (professional formula)** depending upon severity of condition at a cat dosage.

These suggestions were written by veterinarians clinically using these products. They are intended to give veterinary practitioners a general guideline for using Veterinary Immune Tabs in a clinical setting. These statements have not been evaluated by the FDA. These products are not intended to treat, cure, or prevent disease.

