

NEW

PLASMORAL[®]

IMMUNITY



**INNOVATION IN HEALTH AND DEFENSE,
CONTAINS PLASMA COMPLEX**

Innovative formula for cats and dogs based on nutrients that aid the normal functioning of the immune system, such as in situations of immunosuppression, pre- and post-vaccination and deworming, contributing to the animal's non-specific and specific immunity.



HOW DOES PLASMORAL[®] IMMUNITY HELP TO MAINTAIN A HEALTHY IMMUNE SYSTEM



Plasmoral[®] Immunity is an innovative formula, based on the most advanced nutrients for dogs and cats in conditions of immunosuppression, pre- and post-vaccination and deworming, which contributes to the correct functioning of the animal's non-specific and specific immunity.

1 PLASMORAL[®] Innovation:

Our proprietary ingredient consisting of a complex of plasma proteins rich in:

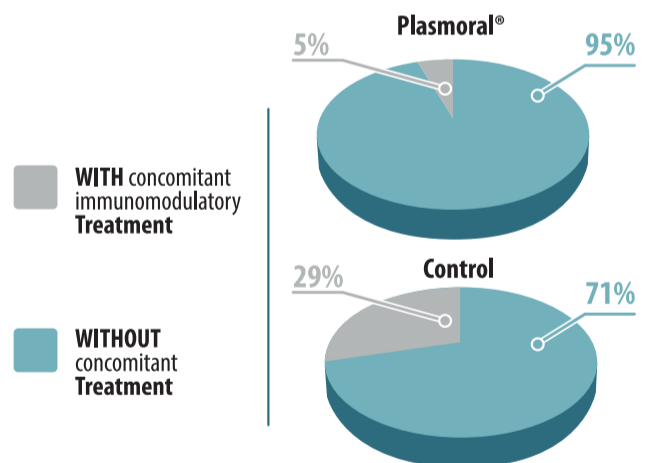
- ✓ **Bioactive proteins:** albumin, Immunoglobulin A, Immunoglobulin G and growth factors.
- ✓ **Minerals:** Calcium, Phosphorus, Iron, Potassium, Copper, Manganese, Magnesium, Selenium and Zinc.
- ✓ **Vitamins:** Vitamin A, B1, B2, B6, B12, Vitamin D, Vitamin K1 and Folic acid.

Helps:

- ✓ **Protect against infections.**
- ✓ **Maintain the immunity of the intestinal mucosa** thus helping to reduce the incidence and symptoms of diarrhea.
- ✓ **Maturation of intestinal lymphoid tissue.**

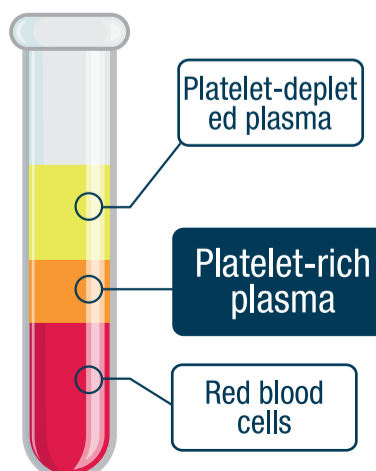
Supplementation with **Plasmoral[®]** has been shown to improve the overall immune response and general health status of animals:

- ✓ **95% of the Plasmoral[®] group needed no concomitant treatment,** while 29% of the control group required it.¹
- ✓ **A decrease in the symptoms associated with vaccination periods** was observed.¹
- ✓ The principal hypothesis suggests that **plasma proteins help the immune system by contributing to intestinal lymphoid tissue maturation and microbial diversity.**²



Plasmoral[®]

+++ BIOACTIVE PROTEINS
(Found in platelets)



Plasmoral® Immunity also contains other nutrients that help maintain non-specific and specific immunity:

2 Beta-glucans:

- ✓ **Protective action against infections** demonstrated in experimental studies: (*Leishmania major*, *Candida albicans*, *Toxoplasma gondii*, *S. aureus*, *E. coli*, *Trypanosoma cruzi*, etc.).⁵
- ✓ **Activate the innate immune system by increasing the activity** of macrophages, neutrophils and dendritic cells, and the cytotoxicity of NK (natural killer) cells.⁸
- ✓ **Indirect antitumor activity.**⁸

3 Ginsenosides:

- ✓ Increase the **destruction of intracellular pathogens** (stimulating the differentiation of Th1 lymphocytes).⁶
- ✓ Help to balance the physiological processes of **stress**.
- ✓ Reduce the titer of *feline calicivirus*.³
- ✓ **Powerful adjuvant in vaccination.**

4 Baicalin:

- ✓ **Antibacterial, antiviral, anti-inflammatory, anticancer and antioxidant properties.**

5 Vitamins B6, B12 and Biotin:

- ✓ Necessary for the **normal functioning of the immune system.**

6 Selenium:

- ✓ Regulatory activity: initiates **the immune response and prevents chronic inflammation.**

RECOMMENDATIONS FOR USE:

Plasmoral® Immunity provides nutrients to help the immune system by helping to combat:

- 1. External aggressive agents.**
- 2. Infectious processes** of any nature, especially **intracellular pathogens.**
- 3. Stress, malnutrition.**
- 4. Acquired immunosuppression:**
 - ✓ **Prolonged use of potentially immunosuppressive drugs.**
 - ✓ **Chemotherapy:** before, during and after chemotherapy.

Also, especially in puppies:

- ✓ **Helps to improve the symptoms of vaccines.**
- ✓ **Helps during pre- and post-vaccination periods.**

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4. Vilson A, Hedhammar A et al. Immunoglobulins in dogs: correspondence and maturation in 15 litters of German shepherd dogs and their dams. *Vet Rec Open*, 2016.
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NEW

PLASMORAL[®]

IMMUNITY

Innovation in
HEALTH AND DEFENSE with Plasma



Target species:



- ✓ Non-specific immunity
- ✓ Specific Immunity
- ✓ Own clinical study¹



EASILY
DIVISIBLE TABLETS

Presentation:

Plasmoral[®] Immunity box with 60 tablets. Blister pack with 10 tablets.

Provides:

Contain:	Per Tablet
Plasma proteins - Gamma globulins	350 mg 25.9 mg
Oat bran - Beta-glucans	143 mg 100 mg
Dry extract of <i>Scutellaria baicalensis</i> - Baicalin	50.0 mg 40.0 mg
Ginseng - Ginsenosides	17.5 mg 14.0 mg
Vitamin B6	670 µg
Biotin	50.0 µg
Selenium	20.0 µg
Vitamin B12	0.400 µg



No Chicken Protein



No Preservatives

Instructions for use:

Cats: ½ tablet a day.

Dogs and puppies:

- <10 kg: ½ tablet/day
 - ≥ 10 kg: 1 tablet for each 10 kg of weight per day
 - More than 40 kg, a maximum of 4 tablets per day
- Palatable tablets. Can be chewed or crushed.

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Information for **health professionals**

Opko Health Spain S.L.U. Pl. Europa 13-15, local 2, 08908 L'Hospitalet de Llobregat (Spain)