



Symetrian™
for Pets 



Fast Acting Immune Protection for Companion Animals

What is Symetrian™?

Symetrian™ is a standardized, patent pending, Aloe-based composition for a healthy immune homeostasis.*

Plant Origin

Derived from *Aloe vera* leaf gel powder, *Poria cocos sclerotium* extract and Rosemary leaf extract.

Applications

- Maintenance of immunity homeostasis
- Provide heightened mucosal immunity at the portal of entry for increased immune surveillance and/or a robust response
- Promote innate and adaptive immunity
- Provide strong antioxidant activity

Formulation

Can be used as an active agent alone or formulated with other cold/flu agents in tablets, capsules, gummies, gels, liquids, powders, bars and other delivery systems.

Physical Properties

- Brown colored powder easily suspended in water



Benefits & Claims*



- 500 mg single oral dose showed rapid immune activation and proliferation in randomized double-blind placebo controlled cross over human clinical study
- Showed progressive activation in the numbers of lymphocytes (NKT cells, NK cells; cytotoxic T cells, $\gamma\delta$ T cells) over a 3-hour period in the blood where the percent changes were found statistically significant against placebo
- Increased activation markers (CD25, CD69 and CD56) on innate & adaptive immune cell populations (monocytes, NK cells, NKT cells, and $\gamma\delta$ T cells) as early as 1 hour post 500 mg oral supplementation. CD25 increase after 1 hour and 2 hours was statistically significant for NKT cells and $\gamma\delta$ T cells, respectively.

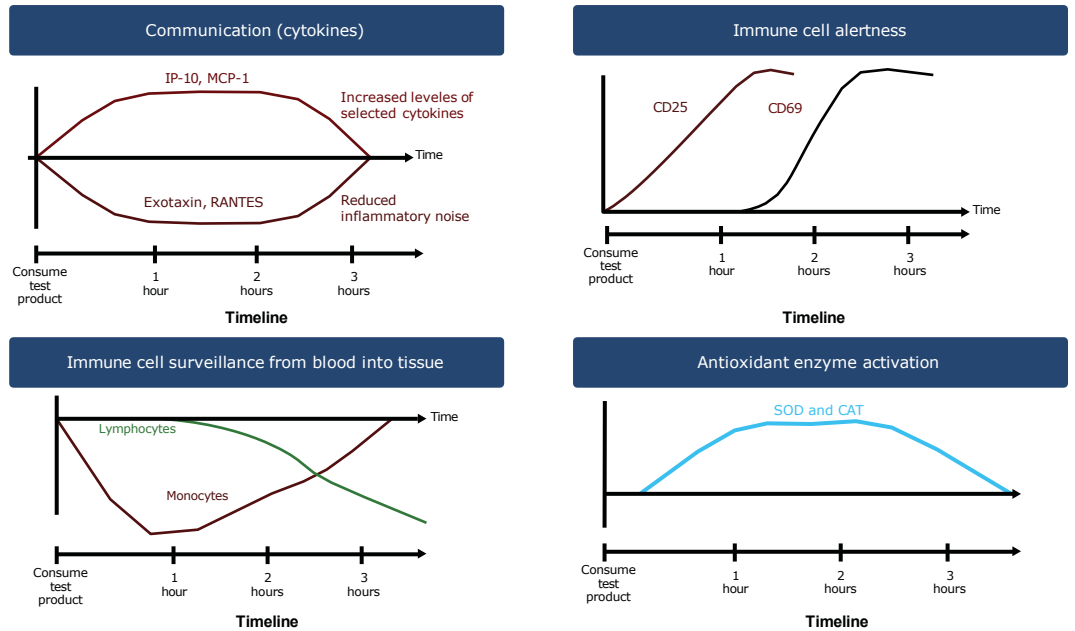


Fig. 1: Rapid activation and proliferation of first line of defense by Symetrian™

In vitro Efcacy* & In vivo Efcacy*

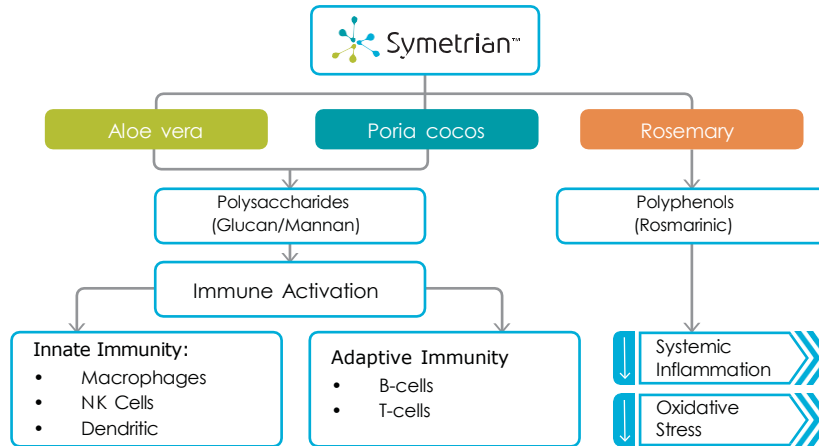


Fig. 2: Immune homeostasis effect of Symetrian™

- Clinically proven to support maintenance of healthy immunity homeostasis*
- Clinically proven to support cellular and humoral immunity by increasing TCR $\gamma\delta$ + Gamma delta T cells and IgG antibodies*
- Clinically proven to support healthy inflammatory response by maintaining healthy cytokine levels and cytokine responses*
- Clinically proven to support strong antioxidant activity*
- Clinically proven to support rapid immune activation and response*
- Clinically proven to activate Natural Killer cells & Gamma delta T cells within hours*

For more information, e-mail contact@unigen.net

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