



# INFLAMMENTS FORMULA

## CLINICAL APPLICATIONS

- Supports a Healthy Inflammatory Response
- Strengthens GI Barrier Integrity
- Boosts Immune Function
- Provides Key Nutrients for Cell Replication
- Offers Antioxidant Protection

# GASTROINTESTINAL SUPPORT

This product is a comprehensive formula designed to address immune challenges and help maintain a healthy inflammatory response. It provides a blend of phytonutrients including skullcap, bee propolis, turmeric and graminex pollen extract for full-spectrum support.

## Overview

Inflammation is a natural part of the body's immune response, a cascade triggered to protect the body and maintain normal tissue repair. This physiological response is part of the innate immune or non-specific immune system, a first line of defense comprising the cells and mechanisms that defend against unwanted organisms in a non-specific manner. The inflammatory cascade is mediated by eicosanoids which have been shown to attenuate inflammation and immune-modulating cytokines. This product provides a blend of nutrients to support a healthy inflammatory cycle, helping to balance eicosanoid and cytokine metabolism and inhibit the synthesis of a wide variety of compounds implicated in pain and inflammation.

## Skullcap Root Extract<sup>†</sup>

An extract of the root of *Scutellaria baicalensis*, this popular Chinese botanical has been shown to modulate viral activity and support cardiovascular health.<sup>[1]</sup> Skullcap possesses potent antioxidant properties, and research has shown it attenuates NFkB and inhibits COX-2 expression.<sup>[1,3]</sup> According to a recent study, the botanical boosts immune response to certain pathogens<sup>[2]</sup> and supports normal respiration by protecting airways and preserving normal mitochondrial function.<sup>[3]</sup>

## Bee Propolis Extract 2X<sup>†</sup>

Bees create propolis by collecting a resinous sap from trees and then mixing it with wax within the hive. Propolis contains a diverse variety of potent terpenes and benzoic, caffeic, cinnamic, and phenolic acids. It is also high in flavonoids, which may account for many of its health benefits. Caffeic acid phenethyl ester (CAPE), one of the main active components in propolis helps to maintain a normal inflammatory response, protect against oxidative stress, inhibit lipoxigenase and both COX1 and COX2, balance the immune response, and down regulate NFkB production.<sup>[4]</sup> Another study on endurance cyclists, showed CAPE has an immune protective effect by enhancing the temperature tolerance of immune cells during long, high intensity training sessions.<sup>[5]</sup>

## Turmeric Root Extract (Curcumin)<sup>†</sup>

Curcumin, the active compound in turmeric, an orange-colored spice used for thousands of years in cooking and medicine, has been shown to have strong NFkB-modulating properties and plays a crucial role in balancing inflammation. Studies have also shown that curcumin supports the maintenance of remission from ongoing inflammation in the GI tract,<sup>[6-7]</sup> and promotes both gastrointestinal mucosal health and reduces stomach lining discomfort.<sup>[8]</sup> It has been shown to provide cardiovascular protection<sup>[9]</sup> and to help modulate low mood and fatigue by supporting a normal immune response, normalizing oxidative stress, and preventing intestinal hyper-permeability.<sup>[10]</sup> Curcumin has also been shown to hold promise in supporting respiratory health.<sup>[11]</sup>

## DIAMOND NUTRITIONALS

This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

## Graminex™ G60 Pollen Extract†

Graminex™ Pollen Extract is a high concentration, diverse array of phytochemicals with broad spectrum inflammatory balancing properties. They have been used successfully to maintain normal levels of inflammation. Specifically, they have been shown to support healthy genito-urinary tract function, and have compared favorably to saw palmetto and Finasteride.<sup>[12]</sup>

Preclinical studies on pollen extract have shown its effect on the smooth muscles of the bladder and urethra, as well on modulation of inflammation, and reducing cell proliferation.<sup>[13]</sup> Pollen extracts and derivatives have also been found to inhibit the generation of abnormal human cell lines.<sup>[14-15]</sup>

## Directions

6 capsules per day in divided doses or as recommended by your health care professional.

## Does Not Contain

Gluten, yeast, artificial colors and flavors.

## Cautions

Do not consume this product if you are pregnant or nursing. Consult your physician for further information.

Supplement Facts <sup>V2</sup>		
Serving Size 6 Capsules		
Servings Per Container 15 & 30		
6 capsules contain	Amount Per Serving	% Daily Value
Skullcap Root Extract (Standardized to contain 30% Flavones as <i>S. baicalensis</i> )	1.4 g	*
Bee Propolis Extract 2X (from Pollen)	950 mg	*
Turmeric Root Extract (Standardized to contain 95% Curcumin)	850 mg	*
Flower Pollen Extract (Graminex G60™)	700 mg	*
* Daily Value not established		

## References

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