

INFLAMMA-BLOX



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

Inflamm-a-bLOX 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. Inflamm-a-bLOX 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†

An extract of the root of *Scutellaria baicalensis*, this popular Chinese botanical has been shown to modulate viral activity and support cardiovascular health.^[1] Skullcap possesses potent antioxidant properties, and research has shown it attenuates NFkB and inhibits COX-2 expression.^[13] According to a recent study, the botanical boosts immune response to certain pathogens^[2] and supports normal respiration by protecting airways and preserving normal mitochondrial function.^[3]

Bee Propolis Extract 2X†

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 lipoxygenase and both COX1 and COX2, balance the immune response, and down regulate NFkB production.^[4] 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.^[5]

Turmeric Root Extract (Curcumin)†

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,^[6-7] and promotes both gastrointestinal mucosal health and reduces stomach lining discomfort.^[8] It has been shown to provide cardiovascular protection^[9] and to help modulate low mood and fatigue by supporting a normal immune response, normalizing oxidative stress, and preventing intestinal hyper-permeability.^[10] Curcumin has also been shown to hold promise in supporting respiratory health.^[11]

† These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

eFFICACY
the power of *e*

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.^[12] 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.^[13] Pollen extracts and derivatives have also been found to inhibit the generation of abnormal human cell lines.^[14-15]

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 ^{v2}		
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% Curcuminoids)	850 mg	*
Flower Pollen Extract (Graminex G60™)	700 mg	*
* Daily Value not established		

ID# 607090 90 Capsules

ID# 607180 180 Capsules

References

1. Li-Weber M. New therapeutic aspects of flavones: the anticancer properties of Scutellaria and its main active constituents Wogonin, Baicalein and Baicalin. *Cancer Treat Rev.* 2009 Feb;35(1):57-68.
2. Hour MJ, Huang SH, Chang CY, Lin YK, Wang CY, Chang YS, Lin CW. Baicalein, Ethyl Acetate, and Chloroform Extracts of Scutellaria baicalensis Inhibit the Neuraminidase Activity of Pandemic 2009 H1N1 and Seasonal Influenza A Viruses. *Evid Based Complement Alternat Med.* 2013;2013:750803.

3. Mabalirajan U, Ahmad T, Rehman R, Leishangthem GD, Dinda AK, Agrawal A, Ghosh B, Sharma SK. Baicalein reduces airway injury in allergen and IL-13 induced airway inflammation. *PLoS One.* 2013 Apr 30;8(4):e62916.
4. Sforzin JM. Propolis and the immune system: a review. *J Ethnopharmacol.* 2007 Aug 15;113(1):1-14. Epub 2007 May 22.
5. Chen YJ, Huang AC, Chang HH, Liao HF, Jiang CM, Lai LY, Chan JT, Chen YY, Chiang J. Caffeic acid phenethyl ester, an antioxidant from propolis, protects peripheral blood mononuclear cells of competitive cyclists against hyperthermal stress. *J Food Sci.* 2009 Aug;74(6):H162-7.
6. Kumar S, Ahuja V, Sankar MJ, Kumar A, Moss AC. Curcumin for maintenance of remission in ulcerative colitis. *Cochrane Database Syst Rev.* 2012 Oct 17;10:CD008424.
7. Baliga MS, Joseph N, Venkataranganna MV, Saxena A, Ponemone V, Fayad R. Curcumin, an active component of turmeric in the prevention and treatment of ulcerative colitis: preclinical and clinical observations. *Food Funct.* 2012 Nov;3(11):1109-17.
8. Bengmark S, Mesa MD, Gil A. Plant-derived health: the effects of turmeric and curcuminoids. *Nutr Hosp.* 2009 May-Jun;24(3):273-81.
9. Kapakos G, Youreva V, Srivastava AK. Cardiovascular protection by curcumin: molecular aspects. *Indian J Biochem Biophys.* 2012 Oct;49(5):306-15.
10. Lopresti AL, Hood SD, Drummond PD. Multiple antidepressant potential modes of action of curcumin: a review of its anti-inflammatory, monoaminergic, antioxidant, immune-modulating and neuroprotective effects. *J Psychopharmacol.* 2012 Dec;26(12):1512-24.
11. Narumoto O, Matsuo Y, Sakaguchi M, Shoji S, Yamashita N, Schubert D, Abe K, Horiguchi K, Nagase T, Yamashita N. Suppressive effects of a pyrazole derivative of curcumin on airway inflammation and remodeling. *Exp Mol Pathol.* 2012 Aug;93(1):18-25.
12. Wilt T, Mac Donald R, Ishani A, Rutks I, Stark G. Cernilton for benign prostatic hyperplasia. *Cochrane Database Syst Rev.* 2000;(2):CD001042.
13. Wagenlehner FM, Bschiepfer T, Pilatz A, Weidner W. Pollen extract for chronic prostatitis-chronic pelvic pain syndrome. *Urol Clin North Am.* 2011 Aug;38(3):285-92. Epub 2011 Jun 12.
14. Talpur N, Echard B, Bagchi D, Bagchi M, Preuss HG. Comparison of Saw Palmetto (extract and whole berry) and Cernitin on prostate growth in rats. *Mol Cell Biochem.* 2003 Aug;250(1-2):21-6.
15. Zhang X, Habib FK Isolation and characterization of a cyclic hydroxamic acid from a pollen extract, which inhibits cancerous cell growth in vitro. *J Med Chem.* 1995 Feb 17;38(4):735-8.

† These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

EFFICACY
the power of *e*