

IgG Protect



CLINICAL APPLICATIONS

- Provides Concentrated Immunoglobulins to Enhance Mucosal Immunity
- Stimulates the Body's Normal Gut Repair Mechanisms
- Helps Maintain Microbial Balance

IMMUNE HEALTH

The immunoglobulin (Ig) and growth factors in IgG Protect can promote passive immunity, or the transfer of immunity from one organism to another.¹ IgG Protect supports the immune system within the upper respiratory tract. It is manufactured using advanced filtration and purification techniques to ensure consistency in potency and purity, and provides 1,000 mg of IgG and 2 g of protein per serving.

Overview

An optimally functioning immune system prevents unwanted toxins and molecules from disturbing homeostasis. Colostrum, the easily digestible milk produced after birth, is abundant in bioactive molecules, including Igs and peptides, which confer passive immunity.^{1,2} There are five main Ig classes, the most common being IgG, which accounts for 70-75% of all serum antibodies in the body playing a major role in the immune system.³

Broad-Range Specificity Immunoglobulins[†]

In addition to other bioactive compounds that may enhance the immune system, bovine colostrum includes high quantities of IgG, which can be effective in preventing immune challenges in the gastrointestinal tract.²⁻⁴

Lactoferrin[†]

Lactoferrin is an iron-binding glycoprotein that facilitates iron absorption.⁴ Lactoferrin modulates cytokine release, and its receptors have been found on many immune cells, including lymphocytes, monocytes, macrophages and platelets.⁵

Proline-Rich Peptides (Colostrinin)^{†*}

Proline-rich peptides (PRPs), also known as colostrinin, are colostrum-derived proline-rich peptide mixtures that modulate immune response.⁶ Influencing the signal pathways of protein synthesis and cellular function, PRPs may also have an antioxidant effect including reducing markers of lipid peroxidation and preserving glutathione levels.⁷

Growth Factors^{†*}

Growth factors in colostrum extract, such as insulin-like growth factor 1 and 2 (IGF-1 and IGF-2) and transforming growth factor-beta 2 (TGF- β 2), function to stimulate normal epithelial tissue growth and upregulate B-cell growth and differentiation to increase antibody production. These growth factors also affect rates of protein synthesis and degradation, as well as DNA synthesis, reducing gut permeability and enhancing cell rejuvenation.⁸

Sialic Acid^{†*}

Sialic acids are terminal sugars on many glycoproteins and glycolipids, are highly enriched in the brain, and have documented roles in neuronal development, synaptic plasticity, and immune modulation.^{9,10}

*Not standardized in colostrum extracts

[†]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.

Directions

4 capsules per day or as recommended by your health care professional.

Does Not Contain

Gluten, corn, yeast, artificial colors or flavors.

Cautions

If you are pregnant or nursing, consult your physician before taking this product.

Supplement Facts		
Serving Size 4 Capsules		
Servings Per Container 30		
	Amount Per Serving	% Daily Value
Calories	10	
Cholesterol	<5 mg	1%
Protein	2 g	
Sodium	10 mg	<1%
Colostrum concentrate (bovine)	2.5 g	**
Immunoglobulin G (IgG)	1 g	**
Lactoferrin	13 mg	**
** Daily Value not established.		

Other Ingredients: Hypromellose (Natural Vegetable Capsules) and Magnesium Stearate.

Contains: Milk.

ID# 370120 120 Capsules

References

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