IgG Boost™
Colostrum Microfiltrate

BOOST YOUR IMMUNITY

Positioning Statement
IgG Boost™ contains a proprietary extract of bovine colostrum, Colostrum MFT™, clinically shown to boost primary immune functions by providing a concentrated spectrum of supplemental immune antibody proteins.

Concept
A baby’s immune system at birth is vulnerable to the unfriendly microorganisms of a new environment. Nature provides a natural defense against potentially harmful organisms and toxins in the first milk, called colostrum, provided by a baby’s mother. Colostrum is rich in immunoglobulins and other active immune components that provide first-line defense against invading microorganisms and stimulate the immune system to action by passing on important immune information from mother to child.

The immune compounds of colostrum include special proteins and messenger molecules that work with the body’s own immune system to promote optimal health and wellness. The immune-supporting proteins found in colostrum provide supplemental help to the body’s own production of antibodies and include immunoglobulins, lactoferrin, and bioactive enzymes that provide specific immunity in the gut. The messenger molecules of colostrum include cytokines that function as messengers between immune cells and other memory transfer factors that pass immune “memory” from one cell to another. Colostrum also contains important oligosaccharides, found in human breast milk and in the first milk of cows, which support the immune system.

One particularly active component of both human and bovine colostrum is immunoglobulin G (IgG). Providing front-line immune support in the gut, IgG sticks to invading microorganisms making them easier for the body to recognize and eliminate. IgG also neutralizes possibly injurious toxic waste products.

In the developed world, people who eat correctly and take care of their bodies usually have healthy immune systems. However, most individuals undergo periods when their immune resistance is challenged. Stress and occasional sleeplessness, exercise training and fatigue, or poor diet can diminish the body’s production of immune-fighting proteins. Production can also decrease with age by as much as 10% per decade after age 50.

Our immune systems can be further challenged by international travel and commerce that increase our exposure to a global network of potentially harmful microorganisms. Recent clinical studies show that regular consumption of bovine colostrum may strengthen our immune system by providing supplemental quantities of immune proteins.

IgG Boost™ contains Pharmanex’s proprietary Colostrum MFT™, a high-quality, standardized extract of bovine colostrum that took twelve years and $50 million to develop. Derived using a patented microfiltration process, Colostrum MFT™ has an extract standardized to 50% IgG content, making Colostrum MFT™ many times more concentrated than other colostrum products on the market today. Each daily dose of IgG Boost™ delivers 500 times the IgG concentration of raw milk and provides critical supplemental immune support to your body’s own antibodies. IgG Boost™ is purified from excess first milk of cows in the dairy industry and meets the strict Pharmanex® 6S quality standards for safety and efficacy.

Primary Benefits
• Provides a boost to your body’s own natural immune function and activity
• Provides a broad spectrum of immune proteins, including immunoglobulin G (IgG), to supplement those naturally produced by your body
• Supports the immune system’s role in weakening and destroying harmful organisms in the gut while neutralizing toxic waste products

What Makes This Product Unique?
• IgG Boost™ contains Colostrum MFT™, a proprietary colostrum extract derived using a patented microfiltration process that preserves a broad spectrum of the bioactive components of bovine colostrum

*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.

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IgG Boost™

- Colostrum MFT™ is standardized to a 50% IgG content, the highest in the industry
- Colostrum MFT™ is backed by peer-reviewed and published clinical tests for safety and efficacy

Who Should Use This Product?
IgG Boost™ can be used by the whole family from adults to children. Anyone under immune stress and/or exposed to an environment of unfriendly and toxic organisms, or simply interested in boosting their natural immune system can use IgG Boost.™ People that are hypersensitive to dairy or lactose-containing products should not use IgG Boost™.

Did You Know?
- The immunoglobulins in bovine colostrum are the same found in raw milk and human milk
- Pasteurization kills all of the undesirable bacteria in milk, but also denatures and inactivates the beneficial immunoglobulins and immune factors
- Numerous factors can weaken our immune system including age, sickness, stress, alcohol consumption, and excess physical exertion

Frequently Asked Questions
What is IgG Boost™?
IgG Boost™ is a proprietary concentration of IgG molecules, essential immune proteins found in human colostrum that boost our inherent immune activity. Pharmanex uses a patented, proprietary micro-filtration process to produce Colostrum Microfiltrate (“MFT”) with a concentration of 500 times more IgG than in raw milk. Using microfiltration instead of pasteurization helps preserve the beneficial components.*

What are the active components of IgG Boost™?
IgG Boost™ contains a standardized concentrate of bioactive proteins including broad-spectrum antibodies (immunoglobulins), lactoferrin, lactoperoxidase, lysozyme, growth factors, and cytokines processed from dairy cow colostrum. Using proprietary techniques, IgG Boost™ is standardized to a minimum 50% immunoglobulin G (IgG), the highest level of these actives in the industry. IgG Boost™ also contains other naturally occurring immunoglobulins, including IgA and IgM. IgG1 comprises 95% of the total IgG and 80 to 85% of the total immunoglobulins.

How does the level of immunoglobulin G in IgG Boost™ compare to other products?
Of 108 competitors tested, most provided between 0 to 20% IgG, with an average of 4.4% IgG. The average dosage of IgG per capsules was 27 mg/capsule. Only 38 of 108 competitors standardized their colostrum product for IgG. IgG Boost™ is standardized to 50% IgG (more than 10 times the average), and provides 500 mg IgG per two capsule serving (more than 18 times the average), a level shown to be safe and effective in clinical trials.

Are there scientific studies validating IgG Boost™?
Independent and internal studies substantiate the health benefits provided by IgG Boost™ Colostrum MFT™ and its related ingredients and technologies are supported by a number of internal pre-clinical and clinical studies related to the safety and biological effects of its proprietary ingredients. These studies include four in vivo pharmacology studies of veterinary-use products, two toxicology studies, four absorption, distribution, metabolism and excretion studies, and over a dozen clinical studies.

Is IgG Boost™ patented?
Colostrum MFT™ is supported by a number of process patents that cover the production of concentrated colostral whey fractions using minimal heat (U.S. Patent #5,670,196; 5,707,678; 5,773,000; 5,858,378).

Key Scientific Studies

Supplement Facts
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<tr>
<th>Serving Size Two Capsules</th>
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<tbody>
<tr>
<td>Amount Per Serving</td>
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<tr>
<td>Colostrum MFT™</td>
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<tr>
<td>(min. 50% IgG)</td>
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*Daily Value not established.

Other Ingredients: Dicalcium Phosphate, Gelatin, Microcrystalline Cellulose, Magnesium Stearate.

Directions for Use
Take two (2) capsules twice daily with your morning and evening meals.

Warnings
Keep out of reach of children. If you are pregnant or lactating, consult a physician before using this product.

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