

Frequently Asked Questions



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What is Colostrum?

Colostrum is the first food for growth and immunity; it is the pre-milk, or rather the first lacteal secretion that is produced by all mammalian mothers immediately following the birth of their young. Colostrum is frequently referred to as “life’s first food”. It not only supports life but also makes it flourish. Colostrum is produced in the first few days following the birth of the newborn. Colostrum as a supplement is the most researched and beneficial healing and preventative super-food known.

Each drop contains the promise of life: the immunoglobulins, growth factors, antibodies, vitamins, minerals, enzymes, amino acids, and other substances designed to provide the body with the ability to face a lifetime of invasion by micro-organisms and environmental toxins. It is non-toxic, non-allergenic and has no known negative interactions with drugs, foods or other supplements.

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How does colostrum differ from plain milk?

Colostrum is not milk. It is a concentration of immune and growth factors, vitamins and minerals and essential amino acids designed by nature to transfer immunity, heal and prevent Leaky Gut Syndrome, initiate and sustain growth and calm and eliminate pain associated with the birth process. It has a high concentration of immunoglobulins, lactoferrin, PRPs and all of the vital growth factors. These substances are also present in milk but at negligible levels. Furthermore, colostrum has a much higher protein, vitamin, mineral content, and is lower in lactose.

What are antibodies?

Antibodies are very specialized molecules that are produced by the body's immune system. They are produced in response to the host being exposed to an immunogenic or foreign substance (antigen) such as an infectious microbe. Their action is to destroy and prevent the colonization and/or neutralize disease-causing microbes. A very important feature of antibodies is that they are directed specifically to the pathogen that induced their formation.

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What are growth factors?

Growth factors are very small bio-active molecules which promote growth and maturation of various cell types and tissues. They are found in very high concentrations in colostrum. They not only stimulate normal growth and development but help regenerate and accelerate the repair of aged or injured muscle, skin, bone, cartilage and nerve tissues. Growth factors also stimulate the body to burn fat for fuel instead of muscle tissue in times of fasting or dieting. They help build lean muscle and have been shown to have a positive effect on athletic performance. In addition, transforming growth factors initiate and ensure bone health and density, and help destroy cancer cells in the body. Growth factors also ensure the growth and development of immune cells such as macrophages, NK (natural killer) cells and T cells to prevent infections of all types. It also provides the endothelial growth hormones that help maintain capillary growth and development to insure the distribution of healing and nutritional components all the way down to the cellular level and to maintain flexibility of our arterial walls to help maintain healthy blood pressure and flow to the extremities.

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What are immunoglobulins?

The immunoglobulins are a group of specialized bio-active proteins or molecules found in serum and other tissue fluids, including the milk of all mammals. There are five classes of immunoglobulins which are recognized in mammals -- Immunoglobulin G (IgG), Immunoglobulin A (IgA), Immunoglobulin M (IgM), Immunoglobulin E (IgE), and Immunoglobulin D (IgD). The function of these molecules is to bind to invading organisms and to activate specific actions that help prevent infection and rid the body of disease-causing agents. They function in the destruction of diseased and damaged cells, reduction of inflammation and prevention of bacterial and viral attachment. The most prevalent class of immunoglobulins in all species is IgG. Immunoglobulins have an integral role in the immune defense system in that they form antibodies.



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What are immune factors?

In addition to immunoglobulins, there are other substances in colostrum that have an immune function. Collectively, they have been termed "Immune Factors". Their function is to complement the various functions associated with the immune response.

What is passive immunity?

In all species of mammals, the transfer of passive immunity occurs as a result of the mother passing on her complement of antibodies to her young. For the newborn, this helps in protecting against potentially pathogenic agents until the time the child's own immune system is sufficiently developed to ward off infection on its own.

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Why bovine colostrum?

Bovine colostrum is the only form of colostrum that is not species specific. In other words, it contains all of the immune and growth factors found in all other sources and thus, it can significantly benefit all other mammals, including humans.

Because calves are born without any immunity to airborne, disease-causing organisms, their mothers' colostrum must contain a very large amount of immune and health factors. As a result bovine colostrum has 30-40 times the amount of these factors in human colostrum, making it the richest source of colostrum available.

Is bovine colostrum safe?

Bovine colostrum has been used for years as a food supplement; its use and safety is well documented. Colostrum has no negative side effects and is a whole and natural food that can be consumed in ANY quantity. There are absolutely no toxicity levels. Furthermore, the manufacture and use of dairy products, and their associated safety and nutritional benefits is also well known.

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Why do I need colostrum as an adult?

Once puberty has passed, adult bodies begin the aging process by gradually producing less of the immune and growth factors that help fight off disease and heal damaged body tissue. Colostrum is the only natural source of these life-giving components. **IMMUGOLD®** is standardized to contain all of the bioactive components necessary to induce health benefits. Additionally, most adults have Leaky Gut Syndrome, and colostrum has been clinically proven to heal and prevent LGS.

How much IMMUGOLD® Colostrum should I take?

The amount of colostrum you take varies from person to person. For healthy individuals who want to maintain a healthy immune system and prevent Leaky Gut Syndrome, 2 capsules (or 1 teaspoon powder) twice daily are recommended. For anyone who has a compromised health situation, GI or digestive health issues, auto-immune conditions, inflammatory conditions, cancer, heart disease, is recovering from an injury, wants to get rid of allergies, or detects a cold or flu coming on, 4 capsules twice a day are recommended. For athletic use and anti-aging, 10-20 grams daily optimizes growth hormone levels.

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Why is IMMUGOLD® superior to other colostrum products in the market?

Only IMMUGOLD contains 100% US-patented *immulox* powder, which **offers PRPs between 4 to 40 times higher** than other bulk colostrum powders. IMMUGOLD also sources its colostrum **exclusively from US Grade A dairies**, and only uses colostrum harvested during the first 6 hours after a cow gives birth to ensure the highest levels of immune and growth factors.

