

New Zealand

High IgG Colostrum Milk Tablets



海寶® 免疫牛初乳

Colostrum is a form of milk produced by the mammary glands of mammals early after giving birth. It is known to be rich in bioactive components which in “mature” milk are not present or present in substantially lower concentration. These components include antimicrobial compounds, growth factors, immune-regulating constituents and oligosaccharides.^[1-3]

Colostrum contains antibodies called immunoglobulins such as IgA, IgG and IgM.^[4] Among them there are immunoglobulins specific to many human pathogens, including Escherichia Coli, Cryptosporidium Parvum, Shigella Flexneri, Salmonella, Staphylococcus, and Rotavirus (which causes diarrhea in infants).^[5] Colostrum, when taken as a supplement, may stimulate the production of the growth factor IgF-1.^[6] Reduced IgF-1 release has been associated with cognitive disorders and neurodegeneration during aging.^[7-8]

High quality Colostrum must be certified to contain a minimum of 18% immunoglobulins. Colostrum 200mg which contains 25% IgG could provide plenty of immunoglobulin to ensure sufficient nutrients for children.

Colostrum is rich in growth factors, lactoferrin, lactalbumin, proline-rich polypeptides, vitamins, minerals and amino acids.

Growth Factors Medical studies have shown that vital growth factors from bovine colostrum are practically identical to human colostrum in composition and promote normal cell growth and DNA synthesis. Colostrum is enriched in growth factors which stimulate the growth of normal tissues, regenerate and accelerate the repair of aged or injured muscle such as burn, rejuvenated skin, collagen, bones, cartilages and nerve tissues.^[9]

Lactoferrin is a multifunctional protein with a number of possible physiological roles. The potent iron-binding properties of lactoferrin can aid host defense as it prevents bacteria from growing and forming biofilms.^[10] It is present in body secretions which frequently serves as the first line of defense against pathogens.^[10] Research has also shown that lactoferrin could help maintain intestinal flora and enhance nutrients absorption.^[11-12]

Lactalbumin is a protein present in the milk of all mammals. It is a source of essential amino acids. A human study has shown that diet enriched in lactalbumin could help improve coping and relieve stress.^[13]

Vitamins, Minerals and Amino Acids Colostrum contains vitamins C, D, B1, B6, B12, calcium, zinc, potassium and folic acid. It also contains amino acids which have antioxidant properties.^[14]

Proline-rich polypeptides are small immune signaling peptides function as signal transducing molecules that have unique effect of modulating the immune system, turning it up when the body is under attack by pathogens and damping it when danger is eliminated or neutralized.^[15]

High IgG Colostrum may provide the following benefits:

- Support body defence ^[10,14-16]
- Enhance cell survival & nutrients uptake in the intestine ^[11-12]
- Antioxidant ^[14]
- Support body growth and tissue repair ^[9]
- Relieve stress ^[13]
- Slow down the aging process ^[7-8,14]
- Help rejuvenate skin and muscle tissue ^[9]
- Support healthy joint and cartilage function ^[9]

Recommended daily dose:

Adult and children age 12 years up: Chew 4-5 tablets daily.

Children age 6-12 years: Chew 2-3 tablets daily.

Children age 3 years and up: Chew 1-2 tablets daily.

Precautions:

If you are allergic to milk or any dairy products, please consult your doctor before consuming High IgG Colostrum.

References:

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