

Colostrum

100% Pure New Zealand Powder

DESCRIPTION

Colostrum powder is all natural, nutraceutical grade colostrum that contains 90 known health-promoting components, including antibodies, immunoglobulins, antioxidants and growth factors that support the immune system, intestinal tract, and healthy cellular integrity.†

New Zealand Colostrum

100% Pure New Zealand colostrum meets the highest purity standards with herds that are pasture-fed and raised without the use of hormones, steroids or antibiotics. Colostrum is collected within 24 hours after the calves needs are fully met. It contains a complete natural delivery system of immunoglobulins that can range up to 30% of total IgG content. Colostrum is flash pasteurized with a low heat process to preserve the integrity of the active compounds. New Zealand Colostrum is certified BSE free and meets the ISO regulated standards by the NZ Ministry of Agriculture and Forestry.

FUNCTIONS

After giving birth, a mother's body produces a special immune and growth promoting substance that is secreted into her milk. This fluid is produced for only the first 24 hours after giving birth, and is called colostrum. This special "pre-milk" is integral in providing a wide range of immunological and growth promoting factors to the offspring. Research provides evidence for transfer of cytokines, immunoglobulin, growth factors, and maternal immune cells to the newborn via the feeding of colostrum.

Bovine colostrum is especially rich in immune factors, amino acids, nucleotides and growth factors. Some elements are present in higher quantities in bovine colostrum than in human colostrum. Research has shown that supplementation with bovine colostrum is able to positively modulate immune function.† Immunoglobins, including IgG, and other proteins such as lactoferrin contained in colostrum are thought to play an important role in this supplement's ability to defend itself. Bovine colostrum has even been shown to have an important role in supporting gastrointestinal health by stimulating the proliferation of intestinal cells, resulting in healthy intestinal function and mucosal immune protection.†

INDICATIONS

Colostrum is indicated for individuals that desire immune support from natural bovine colostrum.

FORMULA (#57651P-180X, 57650P-680X)

Serving Size 1 tsp or 1/3 scoop (2g)

Colostrum* 2 g

*Contains Milk from bovine

SUGGESTED USE

Adults: Take 1 teaspoon (1/3 scoop) daily or as directed by a healthcare professional.

Advanced Use: Take 1 rounded scoop daily 30-45 minutes before exercise.

Children (6-12 yrs.): Take 1/2 to 1 teaspoon daily. May be mixed with food and beverages.

CAUTION: Consult a healthcare professional before consuming if you have a dairy allergy or lactose intolerance.

SIDE EFFECTS

Colostrum

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No adverse effects have been reported.

STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

REFERENCES

Thapa BR. Health factors in colostrum. *Indian J Pediatr.* 2005 Jul;72(7):579-81. Review.

Howarth GS. Insulin-like growth factor-I and the gastrointestinal system: therapeutic indications and safety implications. *J Nutr.* 2003 Jul;133(7):2109-12. Review.

Mero A, Miikkulainen H, Riski J, et al. Effects of bovine colostrum supplementation on serum IGF-I, IgG, hormone, and saliva IgA during training. *J Appl Physiol* 1997;83:1144-51.

Playford RJ, Floyd DN, Macdonald CE, et al. Bovine colostrum is a health food supplement which prevents NSAID induced gut damage. *Gut* 1999;44:653-8.

Purup S, Vestergaard M, O Pedersen L, Sejrsen K. Biological activity of bovine milk on proliferation of human intestinal cells. *J Dairy Res.* 2007 Feb;74(1):58-65.

Playford RJ, Macdonald CE, Johnson WS. Colostrum and milk-derived peptide growth factors for the treatment of gastrointestinal disorders. *Am J Clin Nutr.* 2000 Jul;72(1):5-14.

For more information on Colostrum, visit douglaslabs.com

† 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.

Manufactured by
Douglas Laboratories
600 Boyce Road
Pittsburgh, PA 15205
800-245-4440
douglaslabs.com



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Your patients trust you.**