

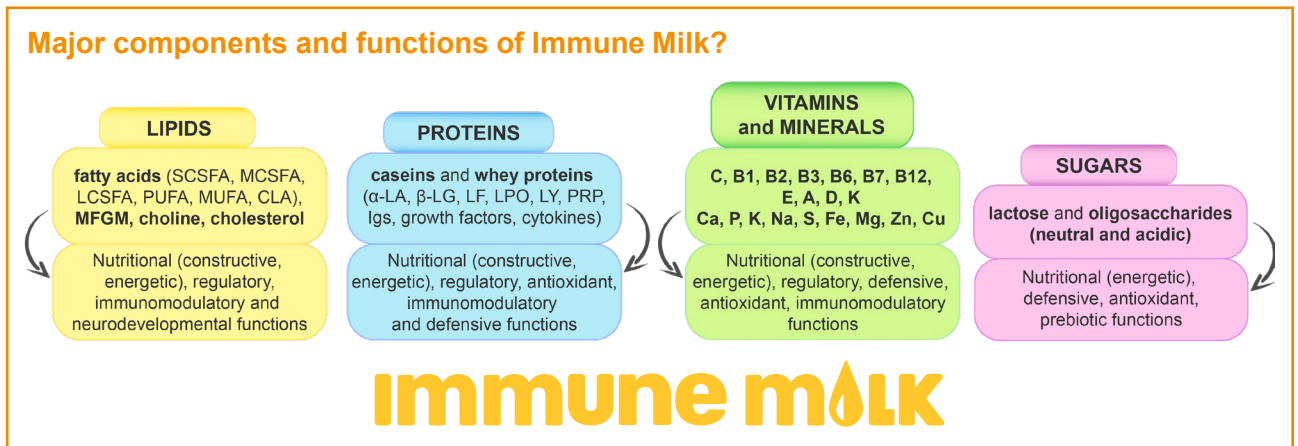


Why colostrum?

Nature has created a special mixture of ingredients for optimal the start into life: colostrum milk. A unique combination of bioactive substances in the colostrum milk protects the young organism from pathogens and supports its healthy development.

Not only protection of newborn mammals is ensured by colostrum. The growth and maturation are supported by colostrum as well.

It contains numerous immunoglobulins, growth factors (IGF1, EGF etc.), hormones (insulin etc.), enzymes, cytokines and immune cell. It offers young animals far more than just highly digestible nutrients.



What is Immune Milk?

Immune Milk is Phytobiotics colostrum powder, contains 100% pure bovine colostrum from German dairy farms. With a state-of-the-art vacuum dryer, our product is dried at temperatures as low as 7°C, avoiding any quality loss.

Benefits of Immune Milk

- Immune support and immune-modulatory effects**
- Antibacterial, antiviral effects**
- Supports absorption of vitamins and minerals**
- Supports growth**

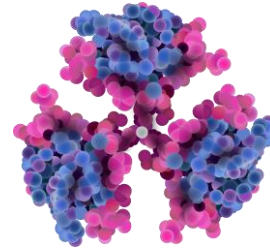
More benefits of Immune Milk

- 100 % natural, full fat
- Unique combination of natural active ingredients
- Free of contagious diseases (IBR free, Johne`s free, EBL free)
- Supports health, vitality and growth for successful rearing of young animals
- Usable as colostrum enhancer, colostrum replacer or nutritional support
- Unlimited use and acceptance in calves, lambs, piglets, foals, poultry and pets



What is insulin?

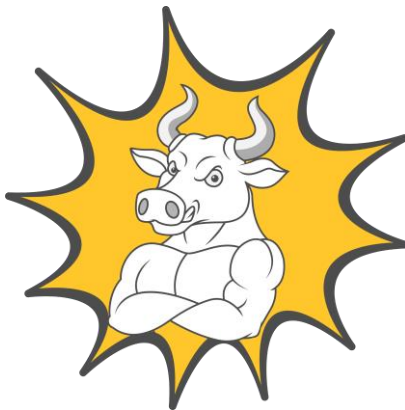
Insulin is a peptide hormone produced by beta cells of the pancreatic islets. It regulates the absorption of glucose in body cells and is considered to be the main anabolic hormone of the body.



Insulin molecule

Insulin in colostrum

The growth and maturation of newborn mammals are supported by colostrum bioactive molecules. Bioactive substances elicit their biological effects either directly on the wall of the animals gastrointestinal (GI) tract or are first transported across intestine into the systemic circulation, or both. Serum insulin profiles of neonatal calves are different after feeding high or low amounts of colostrum. Studies show, that on d 7 of life serum insulin is markedly higher in a high-intensity colostrum diet group than low-intensity colostrum diet.



Insulin supports growth

Why insulin?

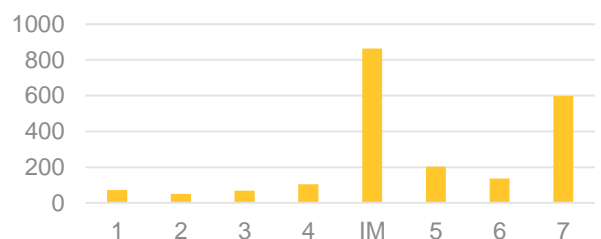
Insulin is important for glucose utilization and intestinal cell proliferation.

The colostrum insulin triggers insulin receptor (InsR) and IGF-I receptor (IGF-1R), which are expressed on the wall of the calf's GI tract. The interaction of colostrum insulin with the InsR present on the GI tract wall induces intracellular cascade events that lead to biological responses beneficial for intestinal growth.

What is Immune Milk?

Immune Milk is Phytobiotics colostrum powder, contains 100% pure bovine colostrum from German dairy farms. With a state-of-the-art vacuum dryer, our product is dried at temperatures as low as 7°C, avoiding any quality loss. In comparison to other colostrum products on the market, Immune Milk has shown the highest insulin concentrations.

Insulin in colostrum products
µU/mg



More benefits of Immune Milk

- Immune support and immune-modulatory effects
- Antibacterial and antiviral effects
- Supports absorption of vitamins and minerals
- 100 % natural, full fat and high nutrient
- Unique combination of natural active ingredients
- Free of contagious diseases (IBR free, Johne's free, EBL free)
- Supports health, vitality and growth for successful rearing of young animals
- Usable as colostrum enhancer, colostrum replacer or nutritional support
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