



Essential Guide

K9 Supreme Probiotics + Plus

Probiotics for dogs

Probiotics are “good” bacteria needed to benefit and strengthen the digestive system. When provided to the body via supplements or food, they lower the intestinal ph levels and therefore increase the amount of good bacteria needed to fend off the “bad” bacteria negatively impacting the gastrointestinal system. These “bad” bacteria develop due to stress, e.g., a food change, poor nutrition, or ingestion of a negative substance.

This stress initiates several problems such as vomiting, diarrhea, and overall poor vitality. As a result, the balance of “good vs. bad” is necessary to restore and retain proper digestive function.



Probiotics in K9 Supreme Probiotics +

Plus

Lactobacillus acidophilus (L. Acidophilus)

L. Acidophilus is one of the most recognized of all probiotics for dogs. L. Acidophilus is one of the most commonly used probiotics microorganisms that are used to promote health. L. Acidophilus is used to treat and prevent diarrhea, yeast infections and even urinary tract infections. It resolves flatulence issues, improves coat health for dogs, and it is even known reduce arthritis inflammation helping to provide joint care for dogs.

A second common probiotic is Lactobacillus Plantarum (L. Plantarum). L. Plantarum is used for its anti-inflammatory benefits and is understood to also improve liver status in humans. L. Plantarum has significant antioxidant activities and

also helps to maintain the healthy intestinal permeability (which allows nutrients to pass through the gut, while also maintaining a barrier function to keep potentially harmful substances (e.g. antigens) from leaving the intestine and migrating to the body more widely). It is able to suppress the growth of gas producing bacterium in the intestines.

Lactobacillus Brevis (L. Brevis)

L. Brevis acts as an anti-inflammatory for the gut. Furthermore, a small preliminary study in dogs also noted its anti-inflammatory purposes for canine gingival inflammation. L. Brevis has not only anti-inflammatory properties but



also show anti-cancer activities. Digestion of L. Brevis beneficial bacteria by test animals showed a marked suppression of colonic tumor formation and reduction of DNA damage.

Lactobacillus Lactis (L. Lactis)

L. Lactis supports and strengthens the function of its fellow probiotics and is an excellent antidote for diarrhea and Inflammatory Bowel Disease. L. Lactis colonizes the GI tract by inhibiting the growth and proliferation of pathogenic bacteria boosting your dog health.

Benefits of Probiotics

- Increase natural resistance to infectious disease in the gastrointestinal tract and a first line of defence against disease
- Prevent dangerous fungal overgrowth
- Reduce or eliminate some allergic reactions
- Provide antibiotic action against certain pathogenic bacteria and enhanced resistance against viruses
- Improve resistance to toxic bowel problems and resistance to diarrhea by improving resistance to food poisoning and stimulating of the immune system by improving resistance to stress of all kinds
- Assist in production of needed nutrients, such as vitamin K, one form of which the body itself cannot make and helps improved lactose intolerance conditions.

The supplementation of probiotics help boost gastrointestinal health, lower disease causing bacteria in small intestines, boost immune system, and reduce overgrowth of bacteria. Other benefits include reduction of cholesterol levels. Probiotics for dogs acts as dog immune booster and antioxidants (inhibiting the destructive effects of oxidation), providing overall improved quality of life and longevity.



Digestive Enzymes for Dogs

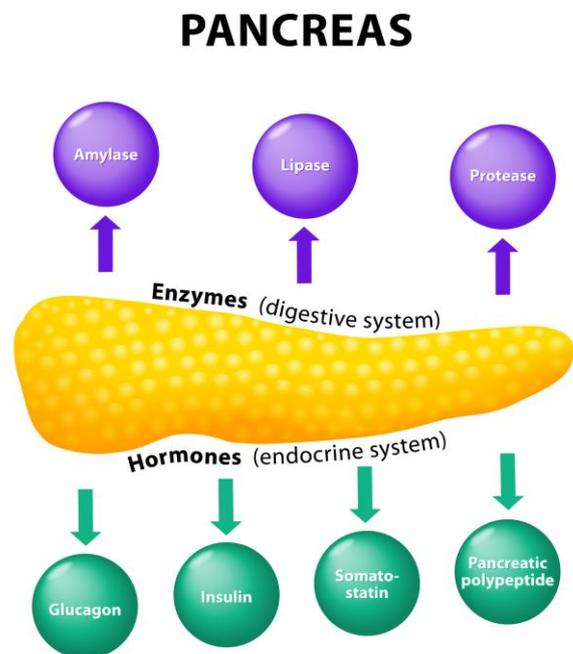
Digestive enzymes are biological molecules that act as catalysts and help complex reactions occur everywhere in life. Digestive enzymes are created by the body for proper digestion as to appropriately break down food into essential nutrients. With an insufficient breakdown, the body is unable to absorb these nutrients correctly and reap the benefits.

Dogs and cats unlike humans do not produce all of the enzymes necessary to process their food. In fact, their bodies are designed in such a way to receive the digestive enzymes from the food they eat if food is eaten live. However, commercially processed modern food for pets sold either dry or canned does not provide pets with the required enzymes... hence the need for supplementation.

Vets recommend digestive enzymes for treating various disorders in pets, including arthritis, allergies, poor coat condition, Inflammatory Bowel Disease, and even coprophagia (the condition where the pet ingests its own or another pet's feces). Whilst for some dogs, eating feces is a behavior learned from the littermates and/or mother, dogs that are fed a low-quality food or have digestive enzyme deficiency may also resort to eating feces in an instinctual attempt to balance out a dietary deficiency.

Digestive enzymes may reduce side effects seen with conventional therapies including chemotherapy and radiation therapy. It is also speculated that enzymes might be able to slow tumor growth and spread by removing cells associated with the tumor and/or reducing inflammation, which contributes to the growth, and spread of cancer.

The use of digestive enzymes and probiotics for dogs can deliver a wealth of promising results – boost



cancer fighting cells, strengthen the immune system, act as anti-inflammatories not only for the gut, but for arthritis and other degenerative diseases, improve vitality and improve skin and coat.

Benefits of Digestive Enzymes

- Digestive enzymes boost cancer fighting cells
- Strengthen the immune system
- Act as anti-inflammatories not only for the gut, but for arthritis and other degenerative diseases
- Improve vitality
- Improve skin and coat



Nucleotides

In conjunction with probiotics and digestive enzymes, nucleotides can help strengthen your pet's gastrointestinal system. Nucleotides are the natural building blocks of DNA (deoxyribonucleic acid) and RNA (ribonucleic acid) and are vital for cell division and duplication. DNA and RNA are nucleic acids, and play various biological roles in coding, decoding, regulation, and expression of genes. Nucleotides are essential in repairing and replacing cells. They are the building blocks, essential to the creation of new DNA and RNA molecules, which are then used by new cells of all kinds. For a dog or cat or any other animal, to continue to live, grow and develop, it must create new cells all the time, to replace dying cells. Nucleotides are used for creating cells, replacing cells, including developing immune



cells. When provided as a supplement they offer further benefits. Nucleotides actually increase the length of the intestinal villi (small, finger-like projections that protrude from the epithelial lining of the intestinal wall) in the small intestine to aid in absorption of nutrients, further assisting probiotics in digestion.

The supplementation of nucleotides will increase the resistance to viral and bacterial infections in pets. Other benefits of nucleotides include positive effects on the intestines intestinal repair after diarrhea, acceleration of antibody production and positive effects of recovery from stress.

Antioxidant Maqui Berry

Anti-oxidant and anti-inflammatory effects of Maqui berry found in the Chilean forests are scientifically acknowledged. The oxygen radical absorbance capacity of Maqui berries is very high. Because of the high anti-oxidant levels (significantly higher than other fruits and almost three times higher than that of Acai berries!), Maqui berry can prevent conditions related to inflammation like diarrhea, limiting gastrointestinal upset and arthritis. Maqui berry is found to regulate blood glucose levels and help glucose tolerance important for regulation of healthy weight. It has important cardio protective and anti-diabetic properties. Maqui berry aids in cell repair and can provide relief for kidney pains, stomach ulcers and even fever. The immune system is also strengthened by the presence of this super anti-oxidant. With healthier cells, your pet will have more energy.

Antioxidant Maqui berry contains anthocyanins, delphinidin, malvidin, petunidin, cumarins, triterpenes, flavanoids, and cyanidin. The delphinidins in particular significantly reduce inflammation, which thus prevents the diseases brought about by inflammation. Everything from cancer, to arthritis, to cardiovascular disease is spurred on by inflammation, so consuming of antioxidants from sources



like Maqui is a great way to help prevent these and other diseases. The anthocyanins exhibit powerful anti-inflammatory activity, and do it as well as drugs for the same purposes, without negative effects.

In a recent study (Journal of Pharmacy and Pharmacology), mice, tests have revealed that certain chemicals in Maqui could relieve the pain (as offered to reduce inflammation and antioxidant benefits).

A POSITIVE CHOICE

It's hard to deny the benefits of using the combination of probiotics, digestive enzymes, nucleotides and antioxidant Maqui berry after understanding how together they encourage the body to properly digest foods and correctly absorb the nutrients that strengthen and improve overall health. By adding the extra benefits of nucleotides and Maqui berry to the mix, the digestive system and gut can function without struggle or stress. Since quality nutrition is the key to wellness, it is without question that the support of probiotics with prebiotics, digestive enzymes, nucleotides and anti-oxidant Maqui berry will inevitably promote a healthier lifestyle and a happier pet. By supporting your dog with a balanced diet and a healthy dose of K9 Supreme Probiotics + Plus supplement, you can minimize your dog's susceptibility to these digestive disorders and help your canine friend to live more happy and healthy life!



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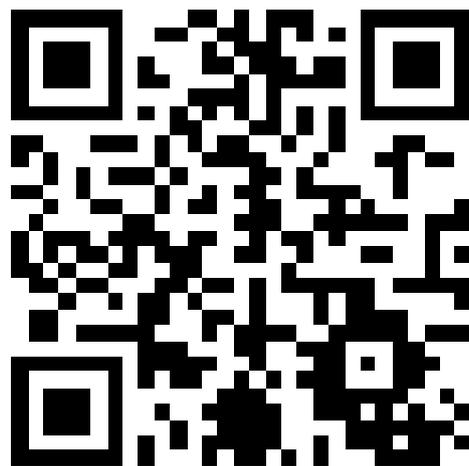
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See you inside!

Katerina Thomas,

Co-founder of PetsEssentialProducts



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