

Info shared by Pitbull SA.

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Digestive enzyme supplement.

Dr. Mercola's Natural Health Newsletter

Does your dog show signs of less-than-optimal digestive health, such as occasional abdominal discomfort and gas, occasional bad breath or vomiting?

How about less-than-optimal joint health?

Minor food sensitivities?

Lackluster energy and overall less-than-ideal health?

You probably wouldn't suspect these issues to be connected with poor digestion, would you?

It was found that a solution of **enzymes** that may help with help for all of these complaints and much more.

In fact, this may be one of your greatest allies in helping to maintain your dog's total health.

What is this solution?

Enzymes.

Enzymes may drastically improve your dog's digestion and absorption of nutrients, and contribute considerably to your dog's well-being.

The "Magic" of Enzymes



An artist's rendition of healthy cells teeming with energy and life, thanks to the actions of enzymes.

One of the vital forces and energy of life, enzymes are tiny protein molecules found in every living cell.

They're responsible for countless activities and functions involving energy production, metabolism, detoxification, and so much more. Just to convey how powerful these molecules are...

As you read *this one sentence*, millions of biological reactions requiring the actions of enzymes are occurring in your dog's body.

Here are some of the many benefits of enzymes:

Supports the immune system

Aids the absorption of vitamins and minerals from food

Promotes normal body weight without hunger cravings

Promotes respiratory health

Helps reduce minor food sensitivities

Helps promote normal cell growth

Supports healthy teeth and gums

Helps maintain healthy cholesterol levels that are already within the normal range

Reduces occasional bloating, gas, heartburn, and constipation

Lessens skin irritation and excessive shedding

Provides more energy due to better utilization of nutrients

Helps remove toxins from the body

Promotes comfortable movement of joints

As you can see, enzymes function in so many wondrous ways beyond digestion.

Why digestive enzymes may be so beneficial to your dog's well-being.

The two main types of enzymes most important to your dog's well-being;

Metabolic enzymes.

Digestive enzymes.

Metabolic enzymes function throughout your dog's body to help carry out the critical bodily functions of building and maintaining every cell, tissue, and organ.

Digestive enzymes work in the stomach and intestines to break down the food your dog eats.

The four basic digestive enzymes are:

Protease – helps break down and digest protein

Amylase – helps break down and digest carbohydrates and starches

Lipase – helps break down and digest fat

Cellulase – helps break down fiber

Your dog's body depends on enzymes in their digestive track to unlock vitamins, minerals, and other important nutrients from the food so they can be absorbed.

What happens when your dog lacks sufficient digestive enzymes?

What happens if your dog doesn't have enough enzymes in their digestive track?

First, his body robs critical metabolic enzymes from other important tasks, such as immune function, as digestion of food reigns as a high-priority, survival activity.

Second, a lack of digestive enzymes may result in incomplete digestion, allowing partially digested food particles to enter the bloodstream directly from the large intestine.

Less-than-optimal health may be at least partially due to your dog's body's response to undigested food particles circulating in the bloodstream.

Where your dog gets the enzymes they needs?

From the diet.

From their own body.

Just about every raw, fresh food – whether it is plant or animal source – contains enzymes.

However, enzymes are fragile beings.

Heat,

Pesticides,

Herbicides,

Food preservatives,

Additives,

Artificial colorings,

Flavor enhancers easily destroy them.

In your dog's body ...

Air pollutants,

Smoke,

Excessive UV rays from sunshine,

Medications can deplete enzymes.

The free radicals produced during periods of increased activity and even normal cell activity also diminish your dog's enzymes.

If your dog consumes mostly processed or cooked food, they likely receives little or no enzymes from the food, and must rely on their own body to manufacture many or all of the enzymes they needs.

Your dog's pancreas produces protease, amylase, and lipase, but likely not enough to completely digest the food.

What can learn from Pottenger's cats?

A half century ago, Dr. Francis M. Pottenger, Jr., a California physician, studied the effects of a cooked meat and pasteurized milk diet on over 900 cats.

During his ten year study, Dr. Pottenger discovered that diets containing raw milk and raw meat produced optimal health, good bone structure and density, shiny fur, and successful reproduction.

Changes noted with the groups of cats receiving cooked meat and pasteurized milk included:

Less-than-optimal physical function and reproductive health, increasing with each generation

Bone health was not optimal

Adverse personality and behavioral changes

Less-than-optimal thyroid function

To what factors did Dr. Pottenger attribute his results?

The absence of naturally occurring enzymes in the cooked diets was certainly one important factor.

Looking at the natural process of digestion in the wild.

Wild dogs and cats provide valuable clues to your our domesticated dog's digestive needs.

To better understand the role enzymes play in your dog's digestion, let's take a look at what happens when our domesticated dog's ancestor – whether it be a wild dog or a wild cat– eats a meal.

When digesting the prey animal, they receives small amounts of grasses, fruits and vegetables from consuming some of the prey's digestive tract.

However, by the time they consumes them, these foodstuffs are already partially digested, mixed with the prey's rich secretions of pancreatic enzymes.

Pre-digestion of any vegetable matter found in the prey's GI tract is an important part of carnivores being able to assimilate the vitamins and antioxidants found in these foods, unlocking their nutritional benefits and allowing them to be passed up the food chain.

The fresh raw muscle meat from the prey animal also contains the natural, live proteolytic enzymes needed for its digestion.

Further, when wolves and wild dogs hunt prey in the wild, they devour organs rich with enzymes, such as the prey's pancreas, which provide supplemental, live digestive enzymes.

Because they receive sufficient enzymes from their prey for digestion, their own metabolic and digestive processes are not taxed.

Their bodies are able to readily supply ample amounts of metabolic enzymes to carry out other important bodily functions.

Your dog's digestive system.

Your dog's nutritional needs remain much the same as their ancestors.. For many reasons, most dog owners don't consider their dog's ancestral diet when deciding what to feed their puppy or dog.

However, you may be surprised to learn that, even after thousands of years of selective breeding, not much has changed with your dog's digestive system.

Dogs and cats are still carnivores with bodies designed to eat fresh, raw meat and bones.

And, thirty years of studies confirm that the natural diet of both cats and dogs doesn't contain grains or seeds, unless they are pre-digested by small prey animals.

Just take a glimpse at your dog's teeth – the first step of her digestive process. You'll find she clearly lacks suitable tooth surfaces to grind grains so common in today's dog's diets.

However, it's not just their teeth keeping her from naturally eating grains.

Their body isn't designed to digest them.

Meat-eating animals, naturally produce more protease to handle their high protein requirements.

They don't naturally produce much amylase because their ancestral diet doesn't consist of grains nor does their body have a nutritional need for grains and starches.

Adding to a lack of appropriate enzymes, dogs digestive tracts are shorter than humans' are and simply not designed to digest starchy foods effectively.

Here's the real issue... Consuming **these** foods on a regular basis can result in less-than-optimal metabolic function.

The problem with today's diets for dogs.

If you feed your dog a commercial dry or canned diet, more than likely they are enzyme-deficient.

As we've already seen, for a food to maintain its natural enzymes, it must be uncooked and unpasteurized, non-irradiated, **and** untreated with **any** source of heat.

To be frank, today's commercial dog foods lack healthy natural enzymes. In essence, the food is dead, over-processed and in-organic. Production of both canned food and dried kibble require very high temperatures, which destroy any live enzymes present in the food.

If the manufacturer adds enzymes – (knowing why would they?), enzymes break down when exposed to air, light, and during the processing needed for the food's long shelf life.

Additionally, dog food processing can cause food nutrients to become chemically trapped, which can cause them to pass through your dog's digestive system unutilized.

Enzymes are needed to help unlock these food nutrients and aid in digestion.

The truth behind the enzyme depletion theory.

Young and old alike, both dogs and cats **will** benefit from supplemental enzymes.

Unlike humans, dogs and cats in the wild do not produce enzymes in their saliva. However, studies reveal an interesting phenomenon when researchers switch dogs' diets from enzyme-rich raw food to a high carbohydrate, heat-processed diet.

They begin to produce the enzyme amylase in their saliva within a week.

Commercial dog food proponents highlight this as a good thing.

But is it really?

First, it's not a natural occurrence for the species.

Second, producing these extra enzymes may be robbing animals of precious enzymes for metabolic functions elsewhere in their bodies.

When fed grains, the pancreas must produce large amounts of amylase to deal with the starch, cellulose, and carbohydrates, which is something it's not designed to do.

What's more, a carnivore's pancreas does not secrete cellulase to split cellulose into glucose molecules.

Dogs simply have not become efficient at digesting and utilizing grains or plant material as a source of high quality protein.

Here's the problem with this ramped up need for extra enzymes:

As your dog ages, production of enzymes declines.

And this can lead to unwanted consequences for your dog.

Many holistic veterinarians recognize that a lack of enzymes – both digestive and systemic – may and usually are be a major factor in less-than-optimal health.

Think about it! ... If your dog's cells, tissues, and organs can't function without enzymes, then might a shortage have a negative effect on their body and speed up the aging process?

Feeding your dog **supplemental enzymes** may not only boost digestion, but can also spark improved cellular function throughout the body.

Supplemental enzymes can also help with tissue and cellular structure.

Most importantly, supplemental enzymes take the load off your dog's body to produce enzymes, unleashing a tremendous boost to their natural health.

Using naturally occurring enzymes to boost your dog's digestion.

The first step in providing your dog with the enzymes they need for both digestion and metabolic functioning is to provide the foods appropriate for their species.

It is therefore highly recommended switching your dog over to a diet containing as much living, raw ingredients as possible.

Raw meat is an ideal food for your dog, but for many reasons it might not be practical or financially viable for the every dog owner.

The next best thing you can do for your dog is to feed very finely chopped or pureed raw, enzyme-rich vegetables.

How you feed the raw foods is very important.

When handling raw foods, you must take care to avoid contamination.

And the variety of foods you include determine whether or not you're providing your dog with a **well-balanced** and healthy diet.

That's why, together with Beth Taylor, we put together ***Dr. Becker's***

Real species appropriate food for healthy dogs.

Some proven by time recipes shows you how to prepare the freshest, most wholesome species-specific food for your dog.

These contains easy-to-follow preparation guidelines for providing your dog with a safe, nutritional diet.

Based on your dog's ancestral diet, every such recipe meets set NRC and AAFCO nutritional guidelines.

Then offers a rotational feeding plan complete with vegetables, fruits, and supplements, including digestive enzymes.

Preparing your own dog's food.

For “some” dog owners this is not something they wish to do for various reasons.

Look for natural frozen raw, species-specific diets at your grocer or butcher. This is a far superior option to any canned or commercial processed food, even if it isn't homemade.

Why raw food may not be enough when it comes to Enzymes?

Raw food certainly supplies more digestive enzymes than processed (canned or kibbled) dog food, but don't be fooled, many animals consuming raw foods still benefit from enzymes.

All raw food diets attempt to mimic, as closely as possible, what our carnivorous dogs would be eating in the wild.

Dogs might eat rabbits and other small prey.

However, there are three parts of the whole prey model no manufacturer will add to their commercially available raw foods:

Fur (fiber), guts and glands.

Why?

Frankly, it's gross.

And there are risks.

Entrails – the stomach and intestines – are where parasites are found.

To keep raw food diets parasite free manufacturers wisely elect to not include entrails.

Pancreas and other small glands are also not included because ensuring a steady source of supply is difficult.

This means even animals eating a raw food diet can lack these beneficial substances.

Your dot's best insurance for protecting their fragile enzyme bank.

Whether you feed your dog a healthy homemade or frozen species-specific diet, a canned or a dried kibble diet, they will likely benefit greatly from extra supplemental enzymes.

Supplementing with enzymes helps ensure they can completely digest food **without** dipping into that fragile bank of metabolic enzymes.

When you feed your pet enzymes with their meals, they aid in digestion. When you feed the exact same enzymes at other times, they work **systemically** for metabolic purposes.

When used this way, **after meals**, the enzymes circulate throughout their body via the bloodstream, helping to:

Support the healthy circulation of blood through arteries

Maintaining normal immune function

Clear cellular debris while cleansing tissue

Stimulate healthy new cell growth

Promote normal cell growth

Promote a healthy immune response

Support normal detoxification processes

Clear away undigested proteins, cleansing the lymph and blood

Using enzymes for total body systemic use is not new.

Many holistic veterinarians have been employing this secret arsenal for years.

Therefore it is suggested that dog owners supplement enzymes:

Feed the recommended dosage (not more) of a high quality animal-based enzyme on a morsel of food one or two hours **after meals**. Giving enzymes in between meals ensures the enzymes won't be utilized for digestive purposes.

What to look for in a good digestive enzyme for your dog.

You have three choices when it comes to choosing a supplemental enzyme for your dog.

Some feeders have can come from three different sources: plant, animal, or fungal.

Some feeders have worked with all three types and seen the effects, both positive and negative, of each.

Consequently they have some strong opinions of what they believe works best for their dogs.

Most feeders prefer **animal-sourced enzymes**, by far, for the following reasons:

Most closely mimics what you find in the ancestral animal's prey's GI tract

Provides pancreatin, replacing some of the pancreas of prey.

Because your dog is a carnivore, they respond best to pancreatic enzymes.

Enzymes from fungal sources can be especially problematic for many dogs - especially with dogs who suffer from allergies.

It was found that plant or vegetarian based enzymes aren't as efficient for digestive purposes as are animal-sourced enzymes for dogs – this because animal-based enzymes are more biologically suited for animals that naturally eat other animals (carnivores).

Looking at Dr. Mercola's **Healthy Pets Digestive Enzymes** supplement.



Healthy Pets Digestive Enzymes.

Using only the finest ingredients available, I've selected these enzymes to include in my **Healthy Pets Digestive Enzymes**:

Betaine HCl - breaks down proteins into peptides and amino acids and fats into triglycerides

Bromelain (pineapple) – one of the safest and most powerful enzymes to help break down and digest protein

Papain (papaya) – a natural plant-sourced enzyme that works together with bromelain to digest protein

Pancreatin – an animal-based pancreatic enzyme providing all three of these enzymes:

Protease – helps break down proteins into amino acids for digestion

Amylase – for splitting and breaking down long-chain carbohydrates, including starch and glycogen (the energy-storage molecule in animal tissue) for digestion in the small intestine

Lipase – helps break down and digest fats

A Source You Can Trust

When selecting any enzyme – for human consumption or for use with your pets – you want to ensure the source of the enzymes is pure and from a reliable source.

I have selected a manufacturer that I wholeheartedly trust. Not only do they exceed the highest industry quality standards, they test and retest the original raw food sources from which the product is made, to make sure they conform to their rigorous standards.

Unlike so many animal supplements available today, the ingredients used in my **Healthy Pets Digestive Enzymes** are human grade – meaning, they're not any different than those you or I would take. Most importantly, they're manufactured by a human supplement company in their own human products lab.

These are the same enzymes I recommend to my patients' owners – and the enzymes I feed to my own pets. In my opinion, you simply can't find an enzyme supplement better suited to – or safer – for your pet's needs.

Below you'll find answers to some frequently asked questions I receive from my readers and my patients' owners.

Q & A

Q: I've heard that some animals can be allergic to animal protein, since pancreatin is from porcine (pig) sources, should I be concerned?

A: Quite honestly, in my practice, I've never seen one case of an allergy to pancreatin.– it's that rare. However, if your pet has a known allergy to pork products, then they shouldn't take this product. Moreover, if your pet displays any kind of reaction to this or any enzyme product, you should immediately stop feeding them the product and contact your veterinarian.

Q: Can animal-based enzymes cause diarrhea and vomiting?

A: It's important to realize that ANY enzyme supplement can cause vomiting and diarrhea if given in too high a dose, especially fungus-

derived enzymes. If your pet has digestive issues, I advise you to start slowly. This is easy to do with **Healthy Pets Digestive Enzymes** as they come in powdered form. **You can begin with very small amounts and work up to the recommended amount over time, according to your pet's response.**

Q: I've read that plant sourced enzymes are better. Is that true?

A: In one word, no. I do not believe that to be true for dogs and cats. The key to optimal digestion is to mimic, as closely as possible, what you would find in their prey's GI tract. You want to recreate the enzymes found in the prey's digestive tract and throughout its body. Plant-derived enzymes are great for rabbits (and other vegetarian pets) but are typically not strong enough for your carnivorous pet.

Q: I see vegetarian fungal-based enzymes for sale in my health food store. Are these good for my pet?

A: Microbial – or fungal, to be exact – enzymes are sometimes recommended for human use, especially for vegetarians. However, for cats and dogs, who consume diets high in meat protein, I believe a pancreatic derived enzyme works far more efficiently. Fungal enzymes are just not as perfect a match for our furry friends' bodies as pancreatic enzymes. Plus, fungal enzymes can be particularly troublesome for animals with allergies, yeast problems, and weakened digestive systems.

Q: My pet eats a diet of raw meat, vegetables, and fruits. Do I need to give him supplemental enzymes?

A: Congratulations for making the switch to a real food diet! Remember the prey your pet's ancestor eats – it's teeming with living, fresh enzymes found in parts we don't feed: raw pancreas tissue and entrails (raw, unclean intestines). So even pets on raw diets may benefit from supplemental enzymes. Any time you can spare your pet from dipping into his enzyme stores, you're supporting his other metabolic functions and good health.

Q: I've heard that stomach acid destroys pancreatic enzymes. Isn't that a problem if I sprinkle this on my pet's food?

A: Because our pancreatic enzymes are animal-sourced, their ability to withstand stomach acidity on their way to the small intestine is naturally much greater than with plant or fungal enzymes.

Q: Is there ever a time you don't recommend enzymes for pets?

A: Yes. If your pet has recently undergone GI surgery or is currently being treated for a GI ulcer, I recommend you wait until your pet has recovered before instituting enzyme supplementation.

Why Healthy Pet Enzymes Should Be Your #1 Pick

There are seven reasons why I believe my Healthy Pet Enzymes should be your number one choice for a pet enzyme:

You're likely to see fast results when you try Healthy Pets Digestive Enzymes. As digestion symptoms improve, you'll feel confident knowing you're providing what your pet needs for cellular function and his overall wellbeing.

The ingredients get the job done. The finest animal-based enzymes are hand-selected for your pet's need and are as close as possible to their ancestral diet.

Our enzyme sources are tested and re-tested. Healthy Pets Digestive Enzymes are manufactured under high quality standards to help ensure purity.

Easy to use. Just sprinkle the perfect amount for your pet over his food. **Healthy Pets Digestive Enzymes are well tolerated by most cats and dogs.**

You have nothing to lose when you try **Healthy Pets Digestive Enzymes**. Your satisfaction is guaranteed. You must be totally pleased as our **100% Money Back Lifetime Guarantee** allows you to try **Healthy Pets Digestive Enzymes** at **No Risk to you** (see complete details below).

Isn't it Time You Gave Your Pet an Enzyme Boost?

I'd like to make it easy for you to give your pet the total enzyme boost he or she needs.

Order today and get a bottle of **Healthy Pets Digestive Enzymes** for only \$14.97.

You save even more when you buy 3 bottles. Normally \$44.91, but when you order a 3-pack today, you pay only \$34.97 - a savings of 22%! Imagine the peace of mind you'll enjoy knowing you're safeguarding your pet's delicate enzyme stores and helping to promote the best health possible.

Help your pet get started on the road to good health. Order **Healthy Pets Digestive Enzymes** today!
Limited Time Offer!

**Save 44% on a 3-Pack
of Digestive Enzymes for Pets**

Human-grade Enzymes for Digestive Support

Offer Expires 7/11/2018 | While Supplies Last

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Digestive Enzymes for Pets

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Your Price:

Your Price: \$14.97

Savings: \$3.78 (20%)



I am so confident that you will be more than satisfied with your purchase of this product, I am providing you with a Money Back Guarantee on returned items.

Dr. Mercola

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