

How **Aurion Digest-7** works

Protein digestion

There are 3 protein-digesting enzymes in **Aurion Digest-7**: *protease*, *papain* and *bromelain*. Protease is a natural enzyme that it is very effective at low pH. This enzyme begins breaking down proteins in the stomach. Papain is an enzyme derived from papaya. With an active pH range of 4.0-9.0, it supports the pancreas in the early part of the small intestine. Bromelain is an enzyme derived from pineapple. Its active pH range is 4.0-8.0 so like papain, it begins to digest proteins as the food enters the small intestines. These 3 enzymes work synergistically to ensure that protein digestion begins early and carries on in the small intestines.

Fat digestion

Fat is the most difficult nutrient to digest and absorb. Fat molecules are very large compared to peptides and saccharides. Because fat is not water soluble, fat digestion requires bile from the liver. Undigested fats are fermented by bacteria in the gut to harmful hydroxy fatty acids. *Lipase* in **Aurion Digest-7** begins to digest fat in the pet's stomach and continues to provide pancreatic support in the small intestines.

Carbohydrate digestion

There are 3 carbohydrate-digesting enzymes in **Aurion Digest-7**: *amylase*, *cellulase* and *hemicellulase*. Amylase digests starch. Since starch is a major component of dry pet foods, amylase is an important enzyme for the complete digestion of kibble. The amylase in **Aurion Digest-7** tops up the amylase produced by your pet's pancreas. Cellulase and hemicellulase digest cellulose and hemicellulose respectively helping to release useful nutrients from these tough fibres.

How **Aurion Digest-7** helps

Osmotic diarrhea

Osmotic diarrhea is a symptom not a disease. It is caused by undigested food sitting in the digestive tract which draws water into the gut leading to soft or watery stools. Providing digestive enzyme support enhances the breakdown of large food molecules into smaller ones that can be easily absorbed into the pet's body. Osmotic diarrhea can result from a number of different conditions, including:

- ✓ Pancreatitis
- ✓ Exocrine pancreatic insufficiency
- ✓ Maldigestion/ Malabsorption
- ✓ Gastroenteritis
- ✓ Overeating (especially in puppies)
- ✓ Intestinal parasites
- ✓ Small intestine bacterial overgrowth
- ✓ Lymphangectasia
- ✓ Liver Disease
- ✓ Feeding high fat diets
(ie for renal/urinary tract disease etc)

Dose: For EPI, use 1-2 scoops **Aurion Digest-7** per cup of kibble; for other conditions, use 1 scoop per cup of kibble

Exudative diarrhea

Exudative diarrhea is caused by changes in the permeability of the mucosal lining of the digestive tract. Any disease that causes inflammation or ulceration of the small or large intestine can lead to exudative diarrhea. Providing digestive enzyme support may help to alleviate inflammation by removing large proteins from the gut. Papain also has anti-inflammatory properties which help to soothe the digestive tract lining. Exudative diarrhea is associated with the following diseases:

- ✓ Food allergies
- ✓ Inflammatory bowel disease
- ✓ Colitis
- ✓ Protein-losing enteropathy

Dose: 1 scoop of **Aurion Digest-7** per cup of kibble

Food allergies

Most food allergens are proteins with molecular weight of 18,000 to 36,000 daltons. Proteins with molecular weights below 18,000 daltons do not elicit an immune response. Protease, an enzyme that starts working in the stomach, breaks down large proteins into smaller peptides. Papain and bromelain also work to reduce the gut's exposure to large allergenic proteins.

Dose: 1 scoop of **Aurion Digest-7** per cup of kibble

Gastroenteritis (food allergy prevention)

There are two reasons for using digestive enzymes for gastroenteritis: to prevent osmotic diarrhea (see information at left) and to prevent the development of food allergies. Any time the gut barrier is damaged or digestion is impaired, there is an increased risk that food allergies will develop since larger proteins may be able to cross the gut barrier and enter the pet's body. Feeding digestive enzymes helps to reduce the size of proteins in the gut, minimizing the risks of food allergies developing.

Dose: 1 scoop of **Aurion Digest-7** per cup of kibble

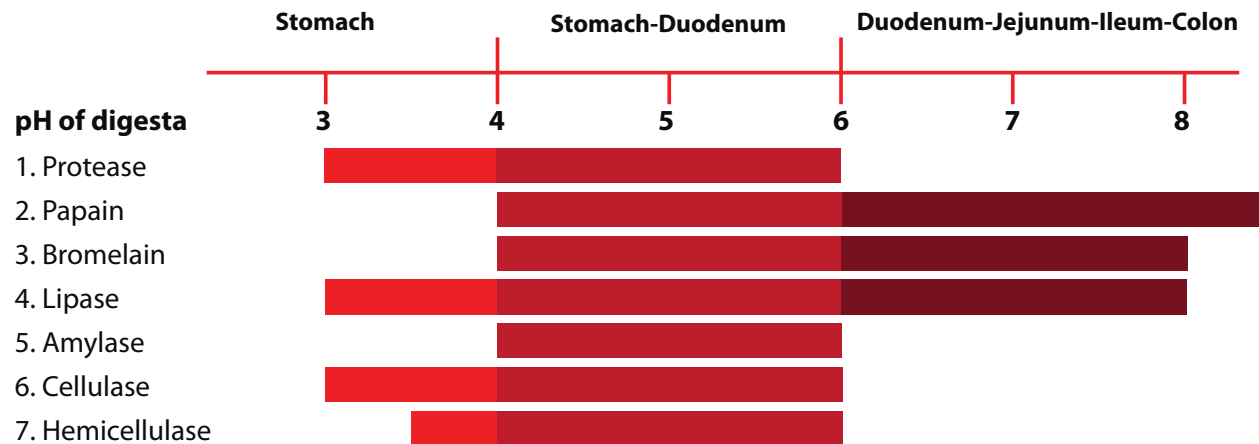
Overall health and wellness

Digestive enzymes improve nutrient digestion and absorption in the digestive tract, which can help to alleviate many common complaints, including:

- ✓ Flatulence
- ✓ Bloating
- ✓ Coprophagia (stool eating)
- ✓ Poor skin and coat
- ✓ Weight loss
- ✓ Lethargy

Dose: 1/2 scoop of **Aurion Digest-7** per cup of kibble

The enzymes in Aurion Digest-7 are effective across a broad range of pH



Ingredient list

Aspergillus oryzae fermentation product (protease, amylase), Carica papaya (papain), Ananos comosus (bromelain), Candida rugosa fermentation product (lipase), Trichoderma longibrachiatum fermentation product (cellulase), Aspergillus niger fermentation product (hemicellulase).

Guaranteed Enzyme Activity

	per gram	per scoop (1.25g)
1. Protease	16800 HUT	21000 HUT
2. Papain	72000 PU	90000 PU
3. Bromelain	36 GDU	45 GDU
4. Lipase	1200 FIP	1500 FIP
5. Amylase	4080 DU	5100 DU
6. Cellulase	720 CU	900 CU
7. Hemicellulase	60 HCU	75 HCU



Manufactured for / Fabriqué pour:



From the makers of:



www.AurionVeterinarySupplements.com



- ✓ **Unique blend of 7 natural enzymes that start to work fast:**
 - protease, bromelain and papain for protein digestion
 - lipase for fat digestion
 - amylase for starch digestion
 - cellulase & hemicellulase for fibre digestion
- ✓ **2-10x more concentrated than other leading brands**
- ✓ **Acid-stable, human-grade enzymes**
- ✓ **Hypoallergenic vegan formula**
- ✓ **Can be safely fed with medications and supplements**
- ✓ **Sizes: 200g (dog jar); 100g (cat jar)**

Available exclusively from your veterinarian