

# Digestive Enzymes

Get more energy from  
your food

- IMPROVES DIGESTION
- INCREASES ENERGY
- STOPS BLOATING AND GAS
- INCREASES VITAMIN & MINERAL ABSORPTION FROM FOODS



**Digestive** enzymes are proteins tailored to break down foods into nutrients that your body can then readily digest. The human body produces 22 different digestive enzymes. Many more are found in fruits, vegetables, meats, grains, and other foods.

Pancreatic production of the enzymes critical to the digestive process diminishes as we age. Disease and blockages of the pancreatic duct can further impair the digestive process.

Enteric pancreatic enzymes provide the protease, amylase, and lipase that a malfunctioning pancreas cannot adequately supply. These enzymes break down protein, carbohydrates, and fat respectively. These enzymes are the foundation for obtaining proper nutrition from the food you eat, and contributing to overall health.

In several conditions that cause malabsorption, such as pancreatic insufficiency and cystic fibrosis, health care practitioners sometimes prescribe digestive enzymes to improve absorption of food. Health care practitioners often tell people to try using pancreatic enzymes with meals when they have symptoms of indigestion that cannot be attributed to a specific cause.

In a double-blind study, microencapsulated pancreatic enzymes were shown to reduce gas, bloating, and fullness after a high-fat meal. According to one theory, allergies are triggered by partially undigested protein. Proteolytic enzymes may reduce allergy symptoms by further breaking down undigested protein to sizes that are too small to cause allergic reactions. Limited scientific evidence supports this theory.

### Digestive enzymes also contain...

Betaine HCl is secreted by the stomach cells. It is not found in food, but is essential in breaking down fats and proteins and establishing a proper pH for overall gastric function.

Ox bile salts are an excellent supplement to augment bile production by the liver. The liver is often overworked detoxifying our bodies. The digestion of dietary fats is crucial to overall well-being. Ox bile salts emulsify fats and help the body absorb the fat-soluble vitamins K, A, D and E.

Papain and pepsin initiate protein digestion within the stomach. They break down proteins to amino acids and peptides for ease of intestinal absorption.

#### Each vegetable capsule contains:

Pancreatin (200 mg 4x concentration) .....	.800 mg
Protease .....	4.2 x USP (106 USP* units/mg)
Amylase .....	5.2 x USP (130 USP* units/mg)
Lipase .....	24.1 USP* units/mg
Betaine Hydrochloride .....	105.3 mg
Ox bile salts .....	64.8 mg
Papain (from papaya) 384,000 pu .....	64.8 mg
Pepsin .....	32.4 mg

Pancreatin from porcine source  
Betaine HCl equivalent to 10 drops of dilute HCl acid USP\*.

\*USP: United States Pharmacopeia

Non-medicinal ingredients: Vegetable magnesium stearate, in a NON-GMO vegetable capsule composed of vegetable cellulose and purified water.

Contains no: Preservative, artificial flavour or colour, yeast, corn, wheat, sugar, salt or starch.

#### Recommended use:

Take 1 or 2 capsules daily with meals or after meals as an aid for digestion. In the case of gastric upsets caused by overeating, take 1 additional capsule during the meal or as directed by your health care practitioner.

Keep out of reach of children.

**Manufactured under strict GMP (Good Manufacturing Practices)**  
**New Roots Herbal at 1-800-268-9486 or [www.newrootsherbal.com](http://www.newrootsherbal.com)**