

# Digest Synergy

This comprehensive digestive enzyme formula can assist in the breakdown of a wide range of proteins, peptides, fats, complex carbohydrates, sugars, and fibers. These vegetarian capsules can be used by children or adults to assist more complete and proper digestion of food as needed.

Enzymes play a crucial role in digestion, as they break down food components into molecules that can be readily absorbed and assimilated by the body. Cooking and heat processing destroy raw food enzymes, placing the full burden of digestion on the pancreas and other digestive organs. Fewer enzymes may be excreted in certain health conditions. Supplemental enzymes can assist in the breakdown of food and enhance the absorption of vitamins and minerals by reducing food to its essential elements.

This enzyme supplement contains:

- **Plant-derived enzymes:** This vegetarian formula contains enzymes that are active across a very broad pH range, making them effective throughout the entire GI tract.
- **A comprehensive blend of active enzymes:** The broad-spectrum combination of enzymes in this product work together to maximize the breakdown, absorption, and utilization of macronutrients from a wide spectrum of foods, including proteins and protein peptides, carbohydrates, disaccharides, and sugars, lipids/fats, and vegetable fibers. Special proteases (protein-specific enzymes) are included that have Dipeptidyl peptidase IV (DPP-IV) activity to support optimal cleaving of casein and gluten and their exorphin peptides (casomorphin and gluteomorphin). *Serratia* peptidase, a unique enzyme that helps protect sensitive GI tissues from irritation, and lysozyme, an enzyme that helps break down bacterial and yeast cell walls, are also included.
- **Hypoallergenic ingredients:** This product contains highly purified, filtered enzymes to meet needs of food-sensitive patients. It is free of porcine or other animal-derived enzymes and avoids fruit-derived enzymes (bromelain, papain, kiwi) for maximum tolerance. It is also free of milk/casein, fish, shellfish, tree nuts, peanuts, wheat/gluten, yeast, and soybeans. Contains no artificial colors, flavors, or preservatives. NOTE: Lysozyme in this product is derived from egg white. Although this is a highly purified material, individuals with known egg white allergy should consult their physician before using this product.

This product can be used by children or adults, as a general digestive aid, or when gastrointestinal function has been compromised by maldigestion, malabsorption, dysbiosis, or intestinal inflammation. This high-potency, multi-enzyme formulation offers an unusually complete range of plant/microbial-based enzymes that work in concert to help maintain normal enzyme levels that support the body's digestive capabilities and assist intestinal repair mechanisms.

**Suggested Use:** 2 capsules at the beginning of each meal.

Supplement Facts		Supplement Facts	
Serving Size 2 Capsules • Servings Per Container 60		Serving Size 2 Capsules • Servings Per Container 60	
Amount Per 2 Capsules		Amount Per 2 Capsules	
<b>Comprehensive Enzyme Blend</b>	800 mg*	Phytase	10 FTU**
With the following minimum enzyme activity:		Beta Glucanase	20 BGU**
<b>Carbohydrate Specific Enzymes</b>		Alpha-Galactosidase	40 GalU**
Amylase	1,830 BAU**	Galactomannase	200 HCU**
Alpha Amylase	100 DU**	<b>Protein and Peptide Specific Enzymes</b>	
Glucosylase (with isomaltase side chain activity)	30 AGU**	Acid Protease	50 SAP**
<b>Sugar Specific Enzymes</b>		Alkaline Protease	50 PC**
Lactase	1,500 ALU**	Protease/Peptidase Complex with endopeptidase, exopeptidase, and DPP-IV activity	40,000 HUT**
Sucrase (invertase)	135 INVU**	<b>Fat Specific Enzyme</b>	
Maltase	200 DP**	Lipase	15,000 FIP**
Pullulanase (debranching enzyme with isomaltase side chain activity)	25 PUN**	<b>Other Enzymes</b>	
<b>Vegetable/Plant Fiber Specific Enzymes</b>		Lysozyme (from egg white)	100,000 SHU**
Cellulase	500 CU**	<i>Serratia</i> peptidase (enteric-coated)***	2,500 SPU**
Hemicellulase/Pectinase Complex	200 HSU**		

K-VZM130426C

Other ingredients: Vegetarian capsule (hydroxypropyl methylcellulose, water), L-leucine, and cellulose.

\*\*Units are those used in edition five (V) of the Food Chemicals Codex (FCC)

\*\*\*Peptizyme SP®, a registered trademark of Specialty Enzymes

**Caution:** Individuals with known egg white allergy should consult their physician before using this product.

This product was made in a GMP and ISO 9001:2008 registered facility.