

[Home](#) > [Shop](#) > [Vitamins & Supplements](#)

# nutraMetrix Isotonix® Digestive Enzymes with Probiotics - Packets (20 Packets/2 Servings Per Pack)

4.5

(127 reviews) sku: 13024NM



**\$24.95**

**\$0.50** Cashback

Add to Cart



[Save 5% Add to AutoShip](#)

[Learn More](#)



**Buy now. Pay over time.**  
 Check out with PayPal  
 and choose PayPal Credit.  
US customers only. Subject to credit approval. [See terms](#)

Email A Friend

## You May Also Like



nutraMetrix Isotonix®  
 Digestive Enzymes  
 with Probiotics

**\$35.50**

**\$0.71 Cashback**

(42)



nutraMetrix  
 NutriClean®  
 HepatoCleanse

**\$27.95**

**\$0.56 Cashback**

(10)

## Product info

### Primary Benefits of nutraMetrix Isotonix® Digestive Enzymes with Probiotics

Product	Digezyme®	Lactospore®
Isotonix® Digestive Enzymes w/ Probiotics	✓	✓
Nutriline Digestive Enzyme Complex*	✗	✗
Life Extension Super Digestive Enzymes*	✗	✗

- Helps maintain healthy cholesterol levels

- May help ease occasional stomach upset
- Promotes digestion and absorption of nutrients
- Provides enzymes and good bacteria that promote the digestion and absorption of nutrients
- Supports a healthy digestive tract
- Supports healthy immune functions
- Helps maintain normal skin
- Supports healthy skin
- Helps maintain the epithelial structure and barrier function

## **Product Classifications**

---



## Gluten-Free

The finished product contains no detectable gluten (<10ppm gluten)



## No Detectable GMOs

The finished product contains no detectable genetically-modified organism



## Vegetarian

This product is vegetarian



## Isotonic-Capable Drinkable Supplements

Easy-to-swallow supplements in liquid form are immediately available to the body for absorption

**Gluten-Free** - The finished product contains no detectable gluten

**No Detectable GMO** - the finished product contains no detectable genetically modified organisms

**Vegetarian** - Isotonix Multivitamin is a vegetarian product

**Isotonic-capable Drinkable Supplements** - easy-to-swallow supplements in liquid form are immediately available to the body for absorption.

## Why Chose nutraMetrix Isotonix® Digestive Enzymes with Probiotics

Processed foods are the norm these days, not making it any easier for your body to digest and take in all the essential nutrients you need. Foods that would otherwise offer us their own added enzymes to help our bodies absorb more nutrients are increasingly processed, heated for extended shelf life and stripped of vital elements. Other poor eating habits and even aging can also contribute to inhibiting a healthy digestive process. This means our bodies may now need to work harder to absorb essential nutrients to keep us healthy and functioning. nutraMetrix Isotonix Digestive Enzymes with Probiotics was designed to provide your body with enzymes and good bacteria to promote the absorption of nutrients. It utilizes our advanced nutraMetrix Isotonix delivery system to provide you with essential nutrients that promote digestive health.

This digestive health promoting supplement features a formula of digestive enzymes and probiotics, including DigeZyme®† – a blend of amylase, protease, cellulase, lactase and lipase – and Lactospore®†(Bacillus coagulans). Digestive enzymes help your body break down food to utilize the complete spectrum of nutrients in the food you eat, resulting in a more complete digestive process and better nutritional absorption. The addition of probiotics helps promote a healthy intestinal tract environment. Besides supporting a healthy digestive tract and absorption of nutrients, nutraMetrix Isotonix Digestive Enzymes with Probiotics helps maintain epithelial structure and barrier function and supports healthy skin, helps maintain healthy cholesterol levels, supports healthy immune functions, and may help ease occasional stomach upset.

nutraMetrix Isotonix Digestive Enzymes with Probiotics helps keep your digestive health on track! Its unique blend of digestive enzymes and probiotics makes supporting your digestive health efficient and convenient.

This product is gluten-free, vegetarian and contains no detectable GMOs.

†DigeZyme® and Lactospore® are registered trademarks of the Sabinsa Corporation.

## **nutraMetrix® Patient Education Series - Digestive Enzymes**



## **Key Ingredients Found In nutraMetrix Isotonix® Digestive Enzymes with Probiotics**

---

# the pros of probiotics

## WHAT ARE PROBIOTICS? [proh-bahy-oh-ix]

Probiotics are bacteria that help maintain the natural balance of organisms (microflora) in the intestines.

There are more than

# 25

different **diseases and syndromes** — including

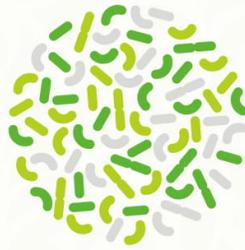
**ALZHEIMER'S**  
**ARTERIOSCLEROSIS**  
**DEPRESSION**

&

**RHEUMATISM**

that have been linked to

**bacterial imbalance**

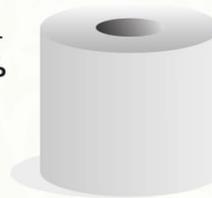


An estimated **100 TRILLION** microorganisms representing more than **500 DIFFERENT SPECIES** inhabit every normal, healthy bowel, **REDUCING THE GROWTH OF HARMFUL BACTERIA** and **PROMOTING A HEALTHY DIGESTIVE SYSTEM.**

## save paper

Probiotics reduced antibiotic-associated diarrhea by **64%**

(Cochrane Database of Systematic Reviews, 2013)



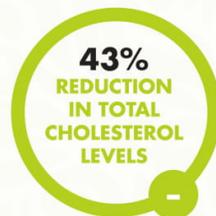
# 34%

**reduction in Upper Respiratory Infections**

in healthy young adults following 12 weeks of oral administration of *Lactobacillus rhamnosus*

(British Journal of Nutrition, 2013)

## probiotics + aloe



(Journal Nutrition, March 2013)

Oral administration of probiotics has shown to **REDUCE CHOLESTEROL LEVELS BY AS MUCH AS 33%** in animal and human studies.

(World Health Organization)

# 50% INCREASE

in immune function following two weeks of probiotics supplementation

(British Journal of Nutrition)

Two particular strains of probiotics — *Lactobacillus helveticus* and *Bifidobacterium longum* — **improved "levels of psychological distress, including measures of depression, anger-hostility, anxiety and problem solving."**

(British Journal of Nutrition, March 2011)



**DigeZyme®† [Amylase (98.5 DU±), Protease (600 PC±), Cellulase (110 CU±), Lactase (400 LAC±), Lipase (20 FIP±)]: 100 mg**  
 DigeZyme® is a multienzyme complex composed mainly of amylases (starch hydrolyzing enzymes), proteases (protein hydrolyzing enzymes) and lipases (lipid hydrolyzing enzymes). These digestive enzymes collectively support the breakdown of complex macromolecules into energy sources and promote the release of the nutrient content from the foods we eat. The digestive system naturally produces digestive enzymes. DigeZyme® supplements the gastrointestinal tract with enzymes to adequately support the body's ability to digest food. In addition to the amylases, proteases, and lipases, DigeZyme® contains two additional digestive enzymes including lactase (lactose hydrolyzing enzyme) and cellulase (cellulose hydrolyzing enzyme).\*

**Sucrase: 400 SU±**

Sucrase is a digestive enzyme secreted by the villi of the epithelium in the small intestine that supports the hydrolysis (chemical breakdown) of sucrose, also known as table sugar, into glucose and fructose. Glucose and fructose can then enter the blood stream and be used for energy.\*

**Magnesium (Carbonate): 24 mg**

Magnesium promotes the normal synthesis of all proteins, nucleic acids, nucleotides, cyclic adenosine monophosphate, lipids and carbohydrates. Magnesium also promotes cardiovascular health by supporting normal platelet activity, helping to maintain normal cholesterol levels, and helping to maintain the normal regulation of the heart and blood pressure.\*

**Potassium (Bicarbonate): 90 mg**

Potassium is an essential macro-mineral that helps maintain fluid balance. It promotes normal synthesis of glycogen and proteins, as well as the proper release of energy from protein, fat and carbohydrates during metabolism. Potassium also promotes the normal elimination of wastes and generally contributes to a sense of well-being. Potassium is stored in the muscles.\*

**Bacillus coagulans (Lactospore®†): 150,000,000 CFU±**

Previously known as Lactobacillus sporogenes, Bacillus coagulans is a lactic acid producing bacteria. Even though it produces lactic acid, it is not a lactic acid bacteria (i.e. lactobacillus).<sup>1</sup> B. coagulans also produce reproductive spores, which sets it apart from many other probiotics.<sup>1</sup> It has shown to survive high levels of stomach acid, which means that it arrives to the small intestine as live bacteria so that it may provide health benefits.<sup>1</sup> Research has shown B. coagulans to promote digestive and gastrointestinal health.\*

**†DigeZyme® and Lactospore® are registered trademarks of the Sabinsa Corporation.**

**±DU, PC, CU, LAC, FIP, SU = Units of enzyme activity±**

**CFU = Colony Forming Units**

## Frequently Asked Questions

---

**What happens when we eat?**

Even before we eat, our body's digestive action begins to take place. Simply smelling food activates our salivary glands ("mouth watering"). As the food enters the stomach, the stomach acid and pepsin – the main digestive enzyme in the stomach – work together to begin breaking the food down into material that the small intestine, where most nutrients are absorbed, can use. Enzymes specific to each of the three nutrient groups (carbohydrates, proteins and fats) are released at this stage, further breaking down the food and contributing to the digestive and absorption processes. These processes continue into the large intestine until the nutrients are extracted by the body.

**What are digestive enzymes?**

Digestive enzymes help your body break down food, allowing the body to optimize its effort to digest proteins from plant and animal sources as well as break down starch, lactose, fats, and nucleic acids (DNA and RNA). The result is a more complete digestive process, resulting in better nutritional absorption. While most enzymes work inside our cells, digestive enzymes operate outside the cells in the gastrointestinal tract.

### What are the different types of digestive enzymes?

There are three basic food enzymes, each specifically targeting the digestion of a different kind of food molecule: Protease, which helps digest proteins, amylase, which helps digest starch, and lipase, which helps digest fats. There are also four specialty enzymes: lactase (helps digest the sugar lactose in dairy products), maltase (helps digest the sugar maltose in foods), sucrase (helps digest table sugar and sugar found in fruits), and cellulase (helps digest cellulose fibers). Each of these enzymes plays a significant part in the body's overall health by helping to release specific and necessary nutrients into our bodies.

### What are probiotics?

Probiotics are beneficial bacteria that are widely believed to provide numerous health benefits, including promoting digestive and immune health. Our bodies all contain both "good" and "bad" bacteria in our digestive system. Probiotics are a heavily researched option for maintaining a healthy balance of bacteria. nutraMetrix Isotonix® Digestive Enzymes with Probiotics contains the probiotic, *Bacillus coagulans*. *B. coagulans* produces lactic acid, but is not considered a lactic acid bacteria.

### Is this a vegetarian product?

Yes, nutraMetrix Isotonix Digestive Enzymes with Probiotics supplies plant enzymes that are protected from stomach acid. What this means is that the supplemental enzymes mix with, and work in concert with, the ingested food, and begin to work with the body's own digestive enzymes to support the release of nutrients.

## Scientific Studies for nutraMetrix Isotonix® Digestive Enzymes with Probiotics

- Afonso, C. L., E. R. Tulman, Z. Lu, E. Oma, G. F. Kutish, and D. L. Rock. 1999. The genome of *Melanoplus sanguinipes* entomopoxvirus. *J Virol* 73:533-52.
- Anthony H, Collins CE, Davidson G, et al. Pancreatic enzyme replacement therapy in cystic fibrosis: Australian guidelines. *J Pediatr—Child Health*. 1999; 35:125-129.
- Barrett A.J., Rawlings ND, Woessner JF. *The Handbook of Proteolytic Enzymes*, 2nd ed. Academic Press, 2003. ISBN 0120796104.
- Billigmann P. [Enzyme therapy—an alternative in treatment of herpes zoster. A controlled study of 192 patients]. [Article in German]. *Fortschr Med*. 1995; 113:43-48.
- Bock U, Kolac C, Borchard G, et al. Transport of proteolytic enzymes across Caco-2 cell monolayers. *Pharm Res*. 1998; 15:1393-1400.
- Brady, L., A. M. Brzozowski, Z. S. Derewenda, E. Dodson, G. Dodson, S. Tolley, J. P. Turkenburg, L. Christiansen, B. Hugen-Jensen, L. Norskov, and et al. 1990. A serine protease triad forms the catalytic centre of a triacylglycerol lipase. *Nature* 343:767-70.
- Carriere, F., C. Withers-Martinez, H. van Tilbeurgh, A. Roussel, C. Cambillau, and R. Verger. 1998. Structural basis for the substrate selectivity of pancreatic lipases and some related proteins. *Biochim Biophys Acta* 1376:417-32.
- Chapin III, F.S., P.A. Matson, H.A. Mooney. *Principles of Terrestrial Ecosystem Ecology*. Springer-Verlag New York, NY. 2002
- Coenen TMM, Bertens AMC, De Hoog SCM, Verspeek-Rip CM. Safety evaluation of a lactase enzyme preparation derived from *Kluyveromyces lactis*. *Food Chem Toxicol*. 2000; 38:671-677.
- de Smet PA, Pegt GW, Meyboom RH. [Acute circulatory shock following administration of the non-regular enzyme preparation Wobe-Mugos]. [Article in Dutch]. *Ned Tijdschr Geneesk*. 1991; 135:2341-2344.
- Diaz, B. L., and J. P. Arm. 2003. Phospholipase A(2). *Prostaglandins Leukot Essent Fatty Acids* 69:87-97.
- Dominguez-Munoz JE, Birckelbach U, Glassbrenner B, et al. Effect of oral pancreatic enzyme administration on digestive function in healthy subjects: comparison between two enzyme preparations. *Aliment Pharmacol Ther*. 1997; 11:403-408.

- Eckert K, Grabowska E, Stange R, et al. Effects of oral bromelain administration on the impaired immunocytotoxicity of mononuclear cells from mammary tumor patients. *Oncol Rep.* 1999; 6:1191-1199.
- Egmond, M. R., and C. J. van Bommel. 1997. Impact of Structural Information on Understanding of Lipolytic Function, p. 119-129, *Methods Enzymol* vol. 284.
- Farkas G, Takacs T, Baradnay G, Szasz Z. [Effect of pancreatin replacement on pancreatic function in the postoperative period after pancreatic surgery]. [Article in Hungarian]. *Orv Hetil.* 1999; 140:2751-2754.
- Gilbert B, Rouis M, Griglio S, de Lumley L, Laplaud P. 2001. Lipoprotein lipase (LPL) deficiency: a new patient homozygote for the preponderant mutation Gly188Glu in the human LPL gene and review of reported mutations: 75% are clustered in exons 5 and 6. *Ann Genet* 44(1):25-32.
- Girod, A., C. E. Wobus, Z. Zadori, M. Ried, K. Leike, P. Tijssen, J. A. Kleinschmidt, and M. Hallek. 2002. The VP1 capsid protein of adeno-associated virus type 2 is carrying a phospholipase A2 domain required for virus infectivity. *J Gen Virol* 83:973-8.
- Goni FM, Alonso A. 2002 Sphingomyelinases: enzymology and membrane activity. *FEBS Lett.* 531(1):38-46.
- Greenberger NJ. Enzymatic therapy in patients with chronic pancreatitis. *Gastroenterol Clin North Am.* 1999; 28:687-693.
- Hedstrom L. Serine Protease Mechanism and Specificity. *Chem Rev* 2002;102:4501-4523.
- Heikinheimo, P., A. Goldman, C. Jeffries, and D. L. Ollis. 1999. Of barn owls and bankers: a lush variety of alpha/beta hydrolases. *Structure Fold Des* 7:R141-6.
- Hooper NM. *Proteases in Biology and Medicine.* London: Portland Press, 2002. ISBN 1855781476.
- Identification of a variant associated with adult-type hypolactasia. *Nat Genet* 2002;30: 233-7. Free text. PMID 11788828.
- Kaul R, Mishra BK, Sutrador P, et al. The role of Wobe-Mugos in reducing acute sequelae of radiation in head and neck cancers—a clinical phase-III randomized trial. *Indian J Cancer.* 1999; 36:141-148.
- Kiessling WR. [Anaphylactic reaction in enzyme therapy of multiple sclerosis]. [Article in German]. *Fortschr Neurol Psychiatr.* 1987; 55:385-386.
- Klein G, Kullich W. [Reducing pain by oral enzyme therapy in rheumatic diseases]. [Article in German]. *Wien Med Wochenschr.* 1999; 149:577-580.
- Lowe, M. E. 1992. The catalytic site residues and interfacial binding of human pancreatic lipase. *J Biol Chem* 267:17069-73.
- Olds LC, Sibley E. Lactase persistence DNA variant enhances lactase promoter activity in vitro: functional role as a cis regulatory element. *Hum Mol Genet* 2003 Sep 15; 12(18): 2333-40. Free text. PMID 12915462.
- Puente XS, Lopez-Otin C. A Genomic Analysis of Rat Proteases and Protease Inhibitors. *Genome Biol* 2004;14:609-622.
- Puente XS, Sanchez LM, Overall CM, Lopez-Otin C. Human and Mouse Proteases: a Comparative Genomic Approach. *Nat Rev Genet* 2003;4:544-558.
- Retrieved from " <http://www.lactospore.com/intro.htm>"
- Retrieved from "<http://en.wikipedia.org/wiki/Lactase>"
- Retrieved from "<http://en.wikipedia.org/wiki/Lipase>"
- Retrieved from "<http://en.wikipedia.org/wiki/Sucrase>"
- Ross J, Jiang H, Kanost MR, Wang Y. Serine proteases and their homologs in the *Drosophila melanogaster* genome: an initial analysis of sequence conservation and phylogenetic relationships. *Gene* 2003;304:117-31.
- Rowan AD, Buttle DJ, Barrett AJ. The cysteine proteinases of the pineapple plant. *Biochem J.* 1990; 266:869-875.
- Schrag, J. D., and M. Cygler. 1997. Lipases and alpha/beta hydrolase fold. *Methods Enzymol* 284:85-107.

- Seyis I, Aksoz N. Production of lactase by *Trichoderma* sp.. *Food Technol Biotechnol* 2004;42:121–124. Free text.
- Solomon, Eldra P.; Berg, Linda R.; & Martin, Diana W. (2002). *Biology* (6th ed). Tho
- Spiegel, S., D. Foster, and R. Kolesnick. 1996. Signal transduction through lipid second messengers. *Curr Opin Cell Biol* 8:159-67.
- Stauder G, Ransberger K, Streichhan P, et al. The use of hydrolytic enzymes as adjuvant therapy in AIDS/ARC/LAS patients. *Biomed Pharmacother*. 1988; 42:31-34.
- Steffen C, Menzel J. [Enzyme breakdown of immune complexes]. [Article in German]. *Z Rheumatol*. 1983; 42:249-255.
- Steffen C, Smolen J, Miehle K, et al. [Enzyme therapy in comparison with immune complex determinations in chronic polyarthritis]. [Article in German]. *Z Rheumatol*. 1985; 44:51-56.
- Svendsen, A. 2000. Lipase protein engineering. *Biochim Biophys Acta* 1543:223-238.
- The Merck Manual of Diagnosis and Therapy, Chapter 24
- Tjoelker, L. W., C. Eberhardt, J. Unger, H. L. Trong, G. A. Zimmerman, T. M. McIntyre, D. M. Stafforini, S. M. Prescott, and P. W. Gray. 1995. Plasma platelet-activating factor acetylhydrolase is a secreted phospholipase A2 with a catalytic triad. *J Biol Chem* 270:25481-7.
- Wald M, Olejár T, Pouková P, Zadinova M. Proteinases reduce metastatic dissemination and increase survival time in C57B16 mice with the Lewis lung carcinoma. *Life Sciences*. 1998; 63:PL237-243.
- Wald M, Závadová E, Pouková P, et al. Polyenzyme preparation Wobe-Mugos inhibits growth of solid tumors and development of experimental metastases in mice. *Life Sciences*. 1998; 62:PL43-48.
- Winkler, F. K., A. D'Arcy, and W. Hunziker. 1990. Structure of human pancreatic lipase. *Nature* 343:771-4.
- Withers-Martinez, C., F. Carriere, R. Verger, D. Bourgeois, and C. Cambillau. 1996. A pancreatic lipase with a phospholipase A1 activity: crystal structure of a chimeric pancreatic lipase-related protein 2 from guinea pig. *Structure* 4:1363-74.
- Wolf M, Ransberger K. [Effect of proteolytic enzymes on the reciprocal growth modification of normal and tumor tissues]. [Article in German]. *Arch Geschwulstforsch*. 1968; 31:317-331.

## Reviews

### Customer Reviews

(81)
(34)
(5)
(4)
(3)

Write A Review



**Displaying reviews 1 - 5 of 127**Highest Rating ▼**by CarissaG**

Shop Consultant

on February 6, 2019

**Always in my purse**

If I ever eat anything that bothers my stomach or causes bloating I just take a packet of these. In about 15 minutes I am noticeably better. They are perfect for traveling too!

**by Koh**

Shop Consultant

on January 19, 2019

**A MUST HAVE after every meal**

This is the most amazing product ever. It has taken care of my bloating issues forever. I love this product so much I use 1 big bottle 90 servings every week! I take it after every meal, and after my drinking sessions too! Love this product!

**by GeraldineK**

Shop Consultant

on October 2, 2018

**Handy relief**

Tasty and effective probiotic

**by MildredH**

Shop Consultant

on September 28, 2018

**Medical Technologist**

Great help to release my stomach from gases .

by **Anonymous**

on August 23, 2018

## Digestive Enzymes with Probiotics

Also, very good when you are catching a cold or feeling neauseaus. Very good and effective product

< [Previous](#) [Next](#) >

One or more of the reviews shown may have been posted by a nutraMetrix or SHOP Consultant (An independent distributor of nutraMetrix and Market America products) or a nutraMetrix HP (A health professional who is an independent distributor of nutraMetrix and Market America products).