

# Digestive Enzymes Ultra with Betaine HCL

Vegetarian formula; enhanced support for protein, carbohydrate, fat, fiber and dairy digestion<sup>†</sup>

## INDICATIONS

- Ages 18 and up
- Digestive system support<sup>†</sup>
- Gastric pH support<sup>†</sup>

## BENEFITS

- Supports protein, carbohydrate, fat, fiber and dairy digestion<sup>†</sup>
- Promotes enhanced nutrient bioavailability and absorption
- Helps maintain optimal gastric pH<sup>†</sup>

## FEATURES

- High strength, comprehensive blend of vegetarian digestive enzymes
- Contains betaine HCl

## VERIFIABLE SCIENCE

This formula contains an extensive profile of betaine HCl and digestive enzymes to support protein, carbohydrate, fat, fiber and dairy digestion. Supports optimal gastric pH with betaine HCl, important for the enhanced digestion of protein and other nutrients to support daily wellness and neurotransmitter synthesis.<sup>1</sup> Proteases included in this formula provide optimal activity across a wide pH range. They facilitate the normal breakdown of proteins and di- and tri-peptides.<sup>2</sup> Lipase promotes lipid breakdown while amylase and glucoamylase are included to stimulate polysaccharide breakdown of starch and glycogen.<sup>3</sup> Invertase and lactase support digestion of carbohydrate disaccharides, including the dairy sugar lactose.<sup>4</sup> This formula also offers numerous enzymes to support fiber breakdown, including cellulase, hemicellulase, beta-glucanase and phytase. These enzymes act to breakdown cell wall components and phytic acid, promoting nutrient bioavailability of fiber-containing foods.<sup>5</sup> Additionally, alpha-galactosidase promotes the breakdown of certain complex carbohydrates, such as raffinose and stachyose, found in some legumes, vegetables, and grains, helping to relieve occasional bloating or gas.<sup>6†</sup>

## SUGGESTED USE

As a dietary supplement, take 2 capsules with each meal, or as directed by a health professional.

## STORAGE

Store in a cool, dry place.

## WARNING

If you are pregnant or lactating, have any health condition or are taking any medication, consult your health professional before use. Discontinue immediately if a burning sensation occurs. Not recommended for people with ulcers.

## SOURCE

- Enzymes are derived from microbial fermentation
- Betaine HCl is synthetic
- Hypo-allergenic plant fiber is derived from pine cellulose
- Dextrin is derived from tapioca

## NOTES

Size 0 caps

Bottle count 90/180

Order codes DEUB9/DEUB1

Bottle size 190 cc/ 290 cc

## REFERENCES

1. Yago MR, et al. *Mol Pharm*. 2013 Nov 4;10(11):4032-7.
2. Czakó L, et al. *Can J Gastroenterol*. 2003 Oct;17(10):597-603.
3. Suarez F, et al. *Dig Dis Sci*. 1999 Jul;44(7):1317-21.
4. Sanders SW, et al. *Clin Pharm*. 1992 Jun;11(6):533-8.
5. Sandberg AS, et al. *J Nutr*. 1996 Feb;126(2):476-80.
6. Di Nardo G, et al. *BMC Gastroenterol*. 2013 Sep 24;13:142.

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Vegetarian formula; enhanced support for protein, carbohydrate, fat, fiber and dairy digestion<sup>†</sup>

## SUPPLEMENT FACTS

2 capsules with each meal, or as directed by a health professional.

Two (size 0) vegetarian capsules contain:

|                          |            |
|--------------------------|------------|
| Proprietary enzyme blend | 391 mg     |
| Providing:               |            |
| Amylase                  | 24,000 DU  |
| Protease                 | 60,000 HUT |
| Protease 6.0             | 20,000 HUT |
| Glucoamylase             | 30 AGU     |
| Lactase                  | 1,600 ALU  |
| Lipase                   | 3,000 FIP  |
| Beta-glucanase           | 20 BGU     |
| Invertase                | 900 SU     |
| Cellulase                | 800 CU     |
| Alpha-galactosidase      | 120 GalU   |
| Protease 3.0             | 20 SAPU    |
| Phytase                  | 10 FTU     |
| Hemicellulase            | 200 HCU    |
| Betaine HCl              | 500 mg     |

Other ingredients: vegetarian capsule (cellulose, water), hypoallergenic plant fiber (cellulose)

Discontinue immediately if a burning sensation occurs. Not recommended for people with ulcers or a history of ulcers.



| Digestive Enzymes <i>Ultra</i><br>with Betaine HCl | Quantity | Order<br>Code |
|--|----------|---------------|
|  | 180      | DEUB1         |
|  | 90       | DEUB9         |

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