

DuoLean™



Positioning Statement

DuoLean $^{\text{\tiny{TM}}}$ contains a unique combination of two natural ingredients formulated to be used in conjunction with the TRA $^{\text{\tiny{TM}}}$ Weight Management Program, which includes a healthy diet, regular exercise, and proper supplementation.

Concept

DuoLean™ contains a potent blend of two all-natural ingredients formulated to be used in conjunction with the TRA™ Weight Management Program, which includes a healthy diet, regular exercise, and proper supplementation. NeOpuntia, a patented extract of the *Opuntia ficus indica* cactus, has been shown in laboratory studies to attract fat. Alpha Trim® is a wheat extract that has been shown in experimental studies to inhibit alpha-amylase, the enzyme responsible for the breakdown of carbohydrates into simple sugars.*

Primary Benefits

- Laboratory research suggests NeOpuntia® binds 28% more fat than chitosan
- Inhibits alpha-amylase, the enzyme responsible for the breakdown of complex carbohydrates into simple sugars*
- Contributes two grams of insoluble fiber to your daily diet

What Makes This Product Unique?

- Uses tested levels of patented NeOpuntia®
- · Contains all-natural, plant-sourced active ingredients
- 100% safe at recommended usage

Who Should Use This Product?

 Adults trying to maintain a healthy diet, exercise, and supplementation regimen

Did You Know?

Using the TNO model (a highly regarded simulation of the biological conditions and processes of the human digestive system),

two grams of NeOpuntia® was shown to absorb 28.3% more total fatty acids during a 4-hour time frame when compared to chitosan

- In two human clinical studies NeOpuntia® reduced fat absorbability by 27% and 28% over placebo, respectively
- NeOpuntia® attracts fat via a unique two-step process that is stable against the acidic pH in the stomach

Frequently Asked Questions

How does NeOpuntia® work?

Preliminary research suggests that NeOpuntia® attracts and binds fat in a unique two-step process. First, the fibers in NeOpuntia® attract fat particles through lipophilic interactions. Then the fibers form a protective gel that stabilizes those attractions, effectively binding fat particles and protecting the complex against the acidic pH of the stomach.

Is there anyone who should not use this product?

Pregnant or lactating women, and people with a known medical condition or who are taking a prescription medication should consult with a physician prior to taking supplements. This product is not formulated to be used by children under 18 years of age. Also, people with wheat allergies should not use DuoLean:

Is this product safe?

NeOpuntia* and wheat extract are both safe and well-tolerated at the recommended dose.

Are there any known drug interactions?

There are no known drug interactions. However, if you are taking a prescription medication, consult a physician prior to use. If you are pregnant or lactating, consult a physician prior to use.

DuoLean™

Are there any side effects?

Some individuals may experience some gastrointestinal discomfort when increasing their intake of fiber. Symptoms vary from person to person, and can be avoided by changing dietary habits gradually. Water is essential for the proper function of the digestive system and the elimination of waste. Health professionals suggest drinking at least six to eight glasses of water throughout the day to ensure the appropriate function of the gastrointestinal tract.

Key Scientific Studies

- Choudhury A, Maeda K, Murayama R, DiMagno EP. Character of a wheat amylase inhibitor preparation and effects on fasting human pancreaticobiliary secretions and hormones. Gastroenterology. 1996 Nov;111(5):1313–20.
- Kataoka K, Dimagno EP. Effect of prolonged intraluminal alphaamylase inhibition on eating, weight, and the small intestine of rats. Nutrition. 1999 Feb;15(2):123–9.
- Lankisch M, Layer P, Rizza RA, DiMagno EP. Acute postprandial gastrointestinal and metabolic effects of wheat amylase inhibitor (WAI) in normal, obese, and diabetic humans. Pancreas. 1998 Aug;17(2):176–81.
- 4. Koike D, Yamadera K, DiMagno EP. Effect of a wheat amylase inhibitor on canine carbohydrate digestion, gastrointestinal function, and pancreatic growth. Gastroenterology. 1995 Apr;108(4):1221–9.

Supplement Facts

Serving Size 3 Capsules Servings Per Container 30

Amount Per Serving		% Daily Value*
Total Carbohydrate	2.0 g	<1%†
Dietary Fiber	2.0 g	6%†
NeOpuntia® (<i>Opuntia ficus indica</i>)	1,500 mg	**
Alpha Trim™-W Wheat Extract	150 mg	**
†Percent Daily Values are based on a 2,000 calorie diet.	100 mg	

Other Ingredients: Gelatin, Microcrystalline Cellulose, Magnesium Stearate, Silicon Dioxide.

Directions for Use

Take three (3) capsules with meals. Store in a cool dry place. Do not exceed 6 capsules a day.

Warnings

Keep out of reach of children. If you are pregnant or lactating, or taking a prescription medication, or have a known medical condition, you should consult with a physician before taking any supplement. This product contains wheat.

*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

