



Manufacturers of
Hypo-allergenic
Nutritional
Supplements



PureDefense chewables

INTRODUCED OCTOBER 2009

What Is It?

PureDefense chewables provides overall immune defense and upper respiratory health support in a great-tasting chewable tablet.*

Features Include

- For children ages 2 and up
- First-line immune defense for children*
- Features EpiCor® *saccharomyces cerevisiae* fermentate, elderberry, and Ester-C®, a non-acidic enhanced retention vitamin C
- Supports natural killer cells, secretory IgA, and B cell and T cell function*
- Naturally flavored and sweetened

Uses For PureDefense chewables

Immune Defense: EpiCor® *Saccharomyces cerevisiae* fermentate contains numerous immune enhancing bioactive metabolites designed to support both innate and adaptive immune response. Research suggests that it enhances natural killer cell activation, B cell and T cell function, and secretory IgA levels. In two randomized, double blind, placebo-controlled trials, EpiCor provided statistically significant support for upper respiratory tract health and overall immune health. A recent 12 week randomized double blind, placebo-controlled trial suggests that EpiCor® may also help maintain a healthy immune response to environmental factors. Elderberry extract provides powerful immune enhancing anthocyanins, flavonoids and polyphenols. Studies have shown statistically significant immune support in all ages. Vitamin C helps boost immune defense by supporting immune cell proliferation, activation and function, as well as healthy antioxidant enzyme function. This formula provides vitamin C as Ester-C®, a natural, non-acidic water-soluble form of vitamin C that is distinguished by its unique chemical composition and biological activity. It is manufactured in an exclusive,

water-based process that results in a mixture of naturally occurring vitamin C metabolites, including ascorbate, dehydroascorbate, and threonate.*

What Is The Source?

Ester-C® calcium ascorbate is sourced from ascorbic acid (derived from corn fermentation) and calcium (elemental ore). EpiCor® dried yeast fermentate complex is derived from *Saccharomyces cerevisiae*. Elderberry extract is derived from *Sambucus nigra* fruit. Xylitol is derived from corn cob and purified to be free of corn protein. Cellulose is derived from pine. Lo Han is derived from *Momordica grosvenori* fruit extract. Natural cherry flavor is derived from fruit and contains maltodextrin derived from corn.

EPICOR® is a registered trademark of Embria Health Sciences, L.L.C.

Ester-C®

Ester-C® and the Ester-C® logo are registered trademarks of The Ester C Company. This product may be covered by one or more of the following U.S. patents: 4,822,816; 5,070,085; 6,878,744 and corresponding foreign patents. Other U.S. and foreign patents pending.

Recommendations

Pure Encapsulations recommends:

- Ages 2-3, take 1-2 tablets per day, with or between meals.
- Ages 4 and up, take 2-4 tablets daily, with or between meals.

Are There Any Potential Side Effects Or Precautions?

At this time, there are no known side effects or precautions. If pregnant or lactating, consult your physician before taking this product.

(continued)

*These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

For educational purposes only. Consult your physician for any health problems.

Are There Any Potential Drug Interactions?

Elderberry may be contra-indicated for individuals on immunosuppressant medications. Consult your physician for more information.

PureDefense chewables

four chewable tablets contain **V**

Ester-C [®] calcium ascorbate blend	278 mg
providing (typical):	
vitamin C (from calcium ascorbate)	200 mg
calcium (from calcium ascorbate)	21 mg
EpiCor [®] dried yeast fermentate complex	250 mg
(from <i>Saccharomyces cerevisiae</i>)	
elderberry extract	200 mg
other ingredients: xylitol, cellulose, silica, magnesium silicate, natural cherry flavor, Lo Han (<i>Momordica grosvenori</i> fruit extract)	

Ages 2-3, take 1-2 tablets per day, with a meal.
Ages 4 and up, take 2-4 tablets daily, with a meal.

“Natural killer (NK) cells are not only an important first-line defense, they set the stage for the adaptive immune response that follows. Research shows that NK cell activity is highly responsive to nutritional interventions and that supporting NK cell activity leads to better overall outcomes.”

**– Barry W. Ritz, PhD
Nutritional Immunologist**

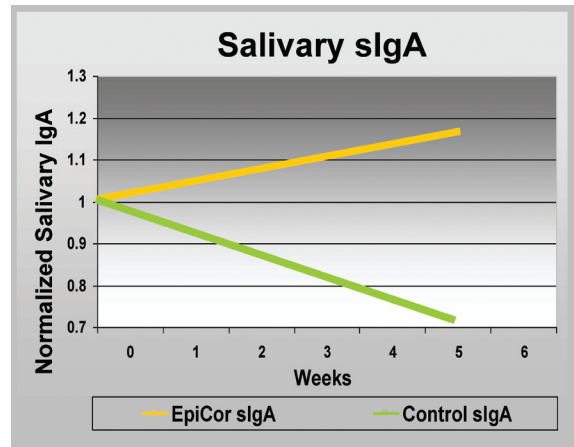


Fig.1. Effect of EpiCor[®] on salivary IgA.*

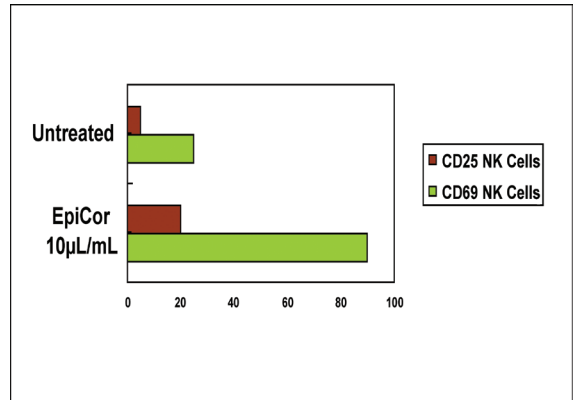


Fig.2. Increase in natural killer cell activity with EpiCor[®].*



— Your Trusted Source —

490 Boston Post Road, Sudbury, MA 01776 USA

P: 800-753-2277 • F: 888-783-2277 www.PureCaps.com • csservice@purecaps.com