

# PureDefense chewables

## Chewable tablet for immune defense and upper respiratory health<sup>†</sup>

### INDICATIONS

- Ages 2 and up
- Immune function and upper respiratory health support<sup>†</sup>

### BENEFITS

- Supports first-line immune defense and overall immune health<sup>†</sup>
- Provides support for upper respiratory tract health<sup>†</sup>

### FEATURES

- Features EpiCor<sup>®</sup> *Saccharomyces cerevisiae* fermentate, nutrients and flavonoids
- Made with high-quality, vegetarian ingredients backed by verifiable science
- Great-tasting chewable tablet

### VERIFIABLE SCIENCE

Natural killer cells are part of the body's innate, or first-line, immune response. They respond more quickly than the adaptive immune system comprised of B cells and T cells. Once activated, natural killer cell activity peaks in as quickly as several hours, providing rapid support and wide-range immune defense. EpiCor<sup>®</sup> is a fermentate of *Saccharomyces cerevisiae* containing various bioactive metabolites. These nutrient metabolites are produced in a specialized fermentation process and enhance immune cell production. Research suggests that EpiCor<sup>®</sup> enhances natural killer cell activation, B cell and T cell function, and secretory IgA levels.<sup>1</sup> In two randomized, double-blind, placebo-controlled trials, EpiCor<sup>®</sup> provided statistically significant support for upper respiratory tract health and overall immune health.<sup>2,3</sup> A separate open label, in-house trial indicated a strong potential for EpiCor<sup>®</sup> supplementation to enhance secretory IgA levels after 30 days. In another trial, EpiCor<sup>®</sup> helped maintain a healthy immune response to environmental factors.<sup>4</sup> Elderberry extract provides anthocyanins, flavonoids, and other polyphenols that support immune function. Studies have shown statistically significant immune support in both children and adults.<sup>5,6</sup> Preliminary research suggests quercetin helps to moderate the release of immune mediators, including cytokines and histamine.<sup>7,8</sup> Zinc and

vitamin C help to promote immune defense by supporting immune cell proliferation, activation and function, as well as healthy antioxidant enzyme function.<sup>9†</sup>

### SUGGESTED USE

As a dietary supplement, ages 2-3, take 2 tablets daily, with a meal. Ages 4 and up, take 2 tablets, 1-2 times daily, with a meal.

### STORAGE

Store in a cool, dry place.

### WARNING

If you are pregnant or lactating, have any health condition or are taking any medications, particularly immunosuppressants, consult your health professional before use.

### SOURCE

- Ascorbic acid is derived from corn dextrose fermentation
- Zinc is derived from earthen ore
- EpiCor<sup>®</sup> dried yeast fermentate complex is derived from *Saccharomyces cerevisiae*
- Elderberry extract is derived from *Sambucus nigra* fruit
- Quercetin is derived from the Fava d'anta tree (*Dimorphandra mollis*) pods and Cat's claw (*Uncaria tomentosa*) leaves

### NOTES

Chewable tablet

Bottle count 120

Order code PDK21

Bottle size 190 cc

# PureDefense chewables

Chewable tablet for immune defense and upper respiratory health<sup>†</sup>

## REFERENCES

1. Jensen GS, et al. *J Med Food*. 2015 Mar;18(3):378-84.
2. Moyad MA, et al. *Urol Nurs*. 2008 Feb;28(1):50-5.
3. Talbott SM, et al. *J Am Coll Nutr*. 2012 Aug;31(4):295-300.
4. Moyad MA, et al. *Adv Ther*. 2009 Aug;26(8):795-804.
5. Zakay-Rones Z, et al. *J Altern Complement Med*. 1995 Winter;1(4):361-9.
6. Tiralongo E, Wee SS, Lea RA. *Nutrients*. 2016 Mar 24;8(4). pii: E182.
7. Kumar P, et al. *Int J Exp Pathol*. 2003 Jun;84(3):127-33.
8. Weng Z, et al. *PLoS One*. 2012;7(3):e33805.
9. Wintergerst ES, et al. *Ann Nutr Metab*. 2006;50(2):85-94.

## SUPPLEMENT FACTS

**Ages 2-3, take 2 tablets daily, with a meal.**

**Ages 4 and up, take 2 tablets, 1-2 times daily, with a meal.**

**Two chewable tablets contain:**

Vitamin C (from calcium ascorbate)	30 mg
Calcium (from calcium ascorbate)	3 mg
Zinc (as zinc citrate)	7.5 mg
EpiCor <sup>®</sup> dried yeast fermentate complex (from <i>Saccharomyces cerevisiae</i> )	125 mg
European elder (elderberry) ( <i>Sambucus nigra</i> ) extract (fruit)	100 mg
Quercetin dihydrate	30 mg
Other ingredients: xylitol, cellulose, natural mango flavor with other natural flavors, ascorbyl palmitate, silica, lo han ( <i>Momordica grosvenorii</i> ) extract (fruit)	

EpiCor<sup>®</sup> is a registered trademark of Embria Health Sciences, L.L.C.

**If you are pregnant or lactating, have any health condition or are taking any medications, particularly immunosuppressants, consult your health professional before use.**



PureDefense chewables	Quantity	Order Code
	120	PDK21