

# Pantothenic Acid

500 mg



## DESCRIPTION

Pantothenic Acid supplies 500 mg of pantothenic acid in a convenient capsule form.

## FUNCTIONS

As co-enzymes, the B vitamins are essential components in most major metabolic reactions. They play an important role in energy production, including the metabolism of lipids, carbohydrates, and proteins. B vitamins are also important for blood cells, hormones, and nervous system function. As water-soluble substances, B vitamins are not generally stored in the body in any appreciable amounts (with the exception of vitamin B-12). Therefore, the body needs an adequate supply of B vitamins on a daily basis.

Pantothenic acid, also known as vitamin B-5, is a coenzyme essential for energy production from dietary proteins, fats and carbohydrates. It is a component of coenzyme A and of phosphopantetheine, and is therefore essential for Krebs cycle operation.

## INDICATIONS

Pantothenic Acid 500 mg may be a useful dietary adjunct for individuals who wish to supplement their diet with generous amounts of pantothenic acid.

## SIDE EFFECTS

No adverse effects have been reported.

## FORMULA (WW #10119)

### 1 Vegetarian Tablet Contains:

Pantothenic Acid..... 500 mg  
(as calcium pantothenate)

Other Ingredients: Cellulose, dicalcium phosphate, croscarmellose sodium, stearic acid, magnesium stearate, silica, and pharmaceutical glaze.

This product contains NO sugar, salt, dairy, yeast, wheat, corn, soy, preservatives, artificial colors or flavors.

## SUGGESTED USE

As a dietary supplement, adults take 1 tablet daily with meals, or as directed by a healthcare professional.

## STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

## REFERENCES

- Miller SL, Schlesinger G. Prebiotic syntheses of vitamin coenzymes: II. Pantoic acid, pantothenic acid, and the composition of coenzyme A. J Mol Evol 1993 Apr;36(4):308-14
- Rychlik M. Quantification of free and bound pantothenic acid in foods and blood plasma by a stable isotope dilution assay. J Agric Food Chem 2000 Apr;48(4):1175-81.
- Slyshenkov VS, Piwocka K, Sikora E, Wojtczak L. Pantothenic acid protects jurkat cells against ultraviolet light-induced apoptosis. Free Radic Biol Med 2001 Jun 1;30(11):1303-10
- Tahiliani, AG, Beinlich, CJ. Pantothenic acid in health and disease. Vitam Horm 1991;46:165-228.

Manufactured For:

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