

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 d-Ca pantothenate)

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

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

SUGGESTED USE

As a dietary supplement, adults take one (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.

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