# Pantesin<sup>®</sup>— Effective support for heart healthy cholesterol levels\*



### Pantesin

#### Pantesin®— Effective support for heart healthy cholesterol levels\*

Many health-conscious adults keeping a watchful eye on their cholesterol levels know that maintaining a healthy serum lipid balance is important for overall heart health. Clinically tested Pantesin® Pantethine is a dietary supplement ingredient that can help the body maintain healthy blood lipid levels.\* An active form of vitamin B5 that works on the cellular level, Pantesin helps the body metabolize fatty acids and triglycerides, which helps keep LDL (bad) cholesterol down and HDL (good) cholesterol up.\* In addition, Pantesin provides nutrients that strengthen blood vessels and support cardiovascular function through antioxidant activity.\* A pure, vegetarian, allergen-free ingredient with a 30 year track record of safety and efficacy, Pantesin is a smart choice for those looking to maintain healthy blood serum levels.\*



## Keeping lipid levels in line is a balancing act. Pantesin can help.\*

Pantesin helps balance blood lipids by increasing HDL (good cholesterol) and lowering LDL (bad cholesterol)\* Pantesin works at the cellular level, enhancing enzyme and metabolic activity\*

Pantesin helps maintain healthy blood vessels and circulation\* Pantesin is an active component of Coenzyme A, which diverts bioprocesses from producing excessive blood lipids\*

# What is Pantesin?

Pantesin is a branded form of Pantethine. Pantethine:

- Is a highly absorbable derivative of vitamin B5
- Works at the cellular level enhancing enzyme and metabolic activity\*
- Helps maintain balanced cholesterol levels\*

#### What are the heart health benefits of Pantesin?

Pantesin helps manage cholesterol and lipid levels by:

- Increasing metabolic activity for Coenzyme A and other enzymes\*
- Diverting metabolic activity away from excessive lipid production\*
- Helping maintain a healthy balance between HDL and LDL cholesterol levels\*
- Helping maintain healthy blood vessels and circulation\*

#### How does Pantesin help metabolize blood lipids\*?

Pantesin forms the reactive component of Coenzyme A (CoA). CoA is extensively involved in carbohydrate, lipid and amino acid metabolism. In fact, CoA is the most active metabolic enzyme in the human body. It operates in the body's cells and blood where it initiates the specific biochemical reactions needed to generate energy. This coenzyme is constantly expended by the metabolic processes of the body and needs replenishing daily.

### What role does Coenzyme A play in managing cholesterol levels?

The body uses coenzymes to metabolize air, food and other materials into energy. While different processes require specific coenzymes, Coenzyme A facilitates more than 100 chemical reactions. The highest concentrations of CoA are found in the liver, heart, kidneys, brain, adrenal glands and skeletal muscles. One important function of CoA is its metabolism of long fatty acid chains into energy–fatty acids that might otherwise be stored as excess blood lipids.

#### In what way is HDL cholesterol "good" and LDL cholesterol "bad"?

High-density lipoproteins (HDL cholesterol) are, in fact, dense. They travel faster and carry fat molecules like cholesterol through the blood away from the heart and to the liver. Low-density lipoproteins (LDL cholesterol) travel more slowly and may dissipate, leaving the fat behind to block arteries. Pantesin plays a role in maintaining a healthy balance by helping to lower LDL (bad) cholesterol while raising HDL (good) cholesterol.\*

#### Did you know?

- 1. Pantesin Pantethine has four primary health benefits. It:
  - Helps maintain cholesterol levels within the normal range\*
  - Increases metabolic activity for Coenzyme A (CoA) and other enzymes\*
  - Helps maintain a healthy balance between good (HDL) and bad (LDL) cholesterol levels\*
  - Helps maintain healthy blood vessels and circulation\*
- 2. Pantesin is highly absorbable.
- 3. Pantesin Pantethine initiates antioxidant activity and is more metabolically efficient than pantothenic acid (vitamin B5).\*
- 4. Pantesin provides an important safeguard against excessive blood lipid production.\*
- 5. Pantesin Pantethine has been clinically studied.
- 6. Pantesin has been used for over three decades in the maintenance of cardiovascular health, and has been proven safe.\*

\*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.



Look for Pantesin<sup>®</sup> on dietary supplement, food and beverage labels where natural products are sold.

#### www.pantesin.com

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