



DaVinci®

Laboratories  
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**Innovative** by nature

# DL-PHENYLALANINE

- **DL-Phenylalanine is an amino acid supplement to support comfort and mood balance.\***
- **DL-Phenylalanine** (DLPA) contains both the essential amino acid L-phenylalanine and D-phenylalanine. Studies have shown that L-phenylalanine can elevate the mood, making DLPA a useful agent in combating low mood states.\* DLPA can also be used for those with chronic discomfort since it is the body's natural pain-killing response.\*
- DLPA supports and may prolong the body's own natural pain killing response.\* The brain responds to pain signals by producing and activating morphine like hormones called ENDORPHINS. The ENDORPHIN system is responsible for the loss of pain sensation.
- **Discomfort**  
DL-Phenylalanine may inhibit enzymes which are responsible for the destruction of the body's pain killing hormones.\* When these enzymes are inhibited, the brains own naturally produced endorphins have a longer life span and exert comfort promoting actions for long periods.\*
- **Low Mood States**  
DLPA increases the production of PEA (Phenylethylamine).\* PEA is a neurotransmitter type substance, which bears a close structural resemblance to the stimulant drug Amphetamine. A deficiency in PEA in the nervous system is thought to cause low mood states.\*

DLPA supports proper endorphine levels.\* Phenylalanine's have the ability to inhibit enzymes which break down the endorphin hormones. Endorphin is a hormone-like substance whose presence may account for the euphoria experienced by runners, joggers, etc. Endorphin levels in the brain can be critical in mood regulation.

DLPA supports norepinephrine production.\* Phenylalanine converts to the neurotransmitter Norepinephrine. Norepinephrine was the first brain chemical deficiency believed to be involved with severe low mood states. Most anti-depressant drugs are designed to increase the amount of Norepinephrine in the central nervous system, but by very different means.

## Supplement Facts

**Serving Size: 1 Capsule**

**Amount Per Serving:**

DL-Phenylalanine	750 mg
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Other ingredients: vegetable cellulose, vegetable stearate, silicon dioxide.

**Warning:** Individuals with PKU (phenylketonuria) or who are pregnant or nursing should not use this product.

- **Suggested Use:** As a dietary supplement, take 1 capsule with a meal, or as directed by your health care practitioner.

Sold Exclusively Through Health Care Practitioners.

0200288.060 (60 Capsules)

\*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.

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