

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 has 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 post exercise. 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.

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

Supplement Facts

Serving Size 1 Capsule
Servings Per Container 60

Amount Per Serving	% Daily Value
DL-Phenylalanine 750 mg	*

*Daily Value not established.

Other ingredients: vegetable cellulose, vegetarian leucine, silicon dioxide.

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

VEGETARIAN / GLUTEN FREE

*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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