



## DLPA<sup>™</sup>

### SUPPORTS OVERALL COMFORT & PROPER MOOD BALANCE\*

#### MULTISYSTEM AMINO ACID SUPPORT

>> **DL-Phenylalanine (DLPA)** contains both the essential amino acid L-phenylalanine and D-phenylalanine. Research has 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 acute discomfort since it supports the body's natural pain management 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 production of the body's pain management hormones.\* When these enzymes are inhibited, the brain's own naturally-produced endorphins have a longer life span and exert comfort-promoting actions for longer periods.\*

#### ✓ Low Mood States

DLPA supports the production of PEA (Phenylethylamine).\* PEA is a neurotransmitter type substance which bears a close structural resemblance to the stimulant Amphetamine. A deficiency in PEA in the nervous system is thought to contribute to 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 nor-epinephrine production since Phenylalanine naturally converts into this neurotransmitter.\* Nor-epinephrine was the first brain chemical deficiency believed to be involved with severe low-mood states, and many protocols today which address this condition focus on nor-epinephrine levels.



#### Supplement Facts

**Serving Size 1 Capsule**  
**Servings Per Container 60**  
**Amount per Serving**  
DL-Phenylalanine 750 mg

**% Daily Value** \*

\*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.

**Suggested Use:** As a dietary supplement, take 1 capsule daily with a meal.

\*This statement has 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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