## B-6 (100mg.)

#### DESCRIPTION

B-6, provided by Douglas Laboratories, supplies 100 mg of Vitamin B-6(Pyridoxine) in each tablet.

#### **FUNCTIONS**

Pyridoxine (vitamin B6) is involved in the metabolism of amino acids and other nitrogen compounds. In the liver, pyridoxine is essential for glucose production from amino acids via its role as coenzyme for the transaminase enzymes. Pyridoxine is also needed by the liver and muscles to make stored glycogen available for glucose production, and to synthesize niacin from the amino acid tryptophan.

In red blood cells, pyridoxine is needed for hemoglobin synthesis, and regulates its oxygen affinity. Additionally, steroid hormone action is modulated by pyridoxine at the receptor level. In the nervous system, pyridoxine is needed to synthesize several neurotransmitters, such as serotonin (from tryptophan), taurine, dopamine, norepinephrine, histamine and gamma-aminobutyric acid (GABA).

Many experimental and clinical observations support the fact that adequate amounts of dietary vitamin B6 are required to maintain normal nervous system function.

#### **INDICATIONS**

B-6 tablets may be a useful dietary supplement for individuals wishing to increase their intake of vitamin B-6.

#### **FORMULA (#7943)**

Each Tablet Contains: Vitamin B-6 (Pyridoxine HCI) ..... 100 mg

#### SUGGESTED USE

Adults take 1 tablet daily or as directed by physician.

#### SIDE EFFECTS

No adverse side effects have been reported.

#### STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

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### REFERENCES

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McCarty MF. High-dose pyridoxine as an 'anti-stress' strategy. Med Hypotheses 2000;54:803-807.

Merrill AH Jr, Henderson JM. Vitamin B6 metabolism by human liver. Ann N Y Acad Sci 1990;585:110-117.

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Rimm EB, Willett WC, Hu FB, et al. Folate and vitamin B6 from diet and supplements in relation to risk of coronary heart disease among women. JAMA 1998;279:359-364.

#### For more information on B-6 (100mg.) visit douglaslabs.com

† 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.

Manufactured by Douglas Laboratories 600 Boyce Road Pittsburgh, PA 15205 800-245-4440 douglaslabs.com



You trust Douglas Laboratories. Your patients trust you.

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