Taurine
A Conditionally Essential, Sulfur-Containing Amino Acid

DESCRIPTION
Taurine capsules, provided by Douglas Laboratories®, each contain 500 mg of pure crystalline taurine.

FUNCTIONS
Taurine is one of the most abundant free amino acids in the body. It is not incorporated into proteins, yet taurine is very important in metabolism and is present in particularly high levels in the brain, skeletal muscle, heart, and retina of the eye. Taurine is regarded as a conditionally-essential amino acid, because it can be synthesized by the body from the other sulfur-containing amino acids cysteine and methionine. Taurine synthesis is vitamin B6 dependent. Taurine is essential for infants where it plays important roles in the development of the nervous system, retina, and muscle tissue. Taurine is well known for its role in bile salt synthesis and has crucial functions in the liver’s detoxification pathways. Taurine also appears to have a stabilizing effect on cell membranes and is important in maintaining normal extra- and intracellular distribution of calcium. This in turn has implications on neuronal excitability and the regulation of osmotic pressure. In the retina, taurine helps maintain the structure and function of the visual cells. In the diet, taurine is found in meat and fish, but not in plant foods. Strict vegetarians, especially those with low cysteine

INDICATIONS
Taurine capsules may be a useful dietary supplement for individuals who wish to enhance the body’s taurine levels.

FORMULA (#TAU)
Each capsule contains:
Taurine........................................................500 mg

SUGGESTED USE
The suggested use is one to three capsules daily or as directed by a 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
Hardison WG. Hepatic taurine concentration and dietary taurine as regulators of bile acid conjugation with taurine. Gastroenterology 1978;75:71-75.

For more information on Taurine 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.